

AD-A137 575 DYES AFB TEXAS REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATIONS (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. 21 SEP 83
UNCLASSIFIED USAFETAC/D5-83/045 SBI-AD-E850 488 F/G 4/2

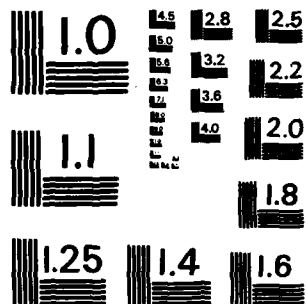
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USAFETAC/DS-83/045 SBI-AD-E850 488 F/G 4/2

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UNCLASSIFIED

F/G 4/2

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MICROCOPY RESOLUTION TEST CHART
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NSAFETAG/DS-83/045
110E 850 498

REVISD UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

DRESS AFB TX MSC #722665
N 32 26 W 99 51 1789 FT DYS
PARTS A-F HOURS SUMMARIZED: 0000Z - 2300Z
PERIOD OF RECORD:
HOURLY OBSERVATIONS: JUN 73 - MAY 83
SUMMARY OF DAY DATA: DEC 43 - DEC 45, MAY 56 - MAY 83
TIME CONVERSION GMT TO LST: -6

SEP 21 1988

DISTRIBUTION STATEMENT A
Approved for public release
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UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1. REPORT NUMBER USAFETAC/DS- 83/045	2. GOVT ACCESSION NO. DA 137 575	3. RECIPIENT'S CATALOG NUMBER															
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Dyess AFB, Texas		5. TYPE OF REPORT & PERIOD COVERED Final rept.															
7. AUTHOR(s)		6. PERFORMING ORG. REPORT NUMBER															
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		8. CONTRACT OR GRANT NUMBER(s)															
11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		10. PROGRAM ELEMENT PROJECT, TASK AREA & WORK UNIT NUMBERS															
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		12. REPORT DATE 21 SEP 83															
		13. NUMBER OF PAGES p. 320															
		15. SECURITY CLASS. (of this report) UNCLASSIFIED															
		15a. DECLASSIFICATION DOWNGRADING SCHEDULE															
16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.																	
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18. SUPPLEMENTARY NOTES																	
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperature</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperature	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative humidity	*Climatological data	(over)
*RUSSWO	Daily temperature	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) <p>This report is a six-part statistical summary of surface weather observations for Dyess AFB, Texas.</p> <p>It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over).</p>																	

DD FORM 1 JAN 73 1473

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

*	Texas	*	Dyess AFB
*	Dyess		USTX722665

20. and dew-point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurrence tables.

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.



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A-1	

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV -
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO OR SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
722665	Dyess AFB TX/Abilene	N 32 26	W 099 51	1789 ft	DYS	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1	Army Airfield/Abilene Texas	AAF	Dec 43	Dec 45	N 32 24	W 099 51	1780ft	1792 ft	24
2	Abilene AFB Texas	AFB	Apr 56	Mar 57	N 32 26	W 099 51	1789 ft	1777 ft	24
3	Dyess AFB Texas/Abilene	AFB	Apr 57	Apr 59	Same	Same	Same	Same	24
4	Same	AFB	May 59	Nov 67	Same	Same	Same	Same	24
5	Same	AFB	Dec 67	Dec 70	Same	Same	Same	Same	24
6	Same	AFB	Jan 71	Nov 77	Same	Same	Same	1797 ft	24
7	Same	AFB	Dec 77	Jun 82	Same	Same	Same	Same	24
8	Same	AFB	Jul 82	Aug 83	Same	Same	Same	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Dec 43	N/A	N/A	N/A	N/A	
2	Apr 56	Located 100 yds North of operating	AN-GM 1	None	25 ft	M-17 Rain Gauge
3	Apr 58	Located 1107 yds West of operations Bldg.	GM 11	RO-2A/GM 11	15 ft	M-17 Rain Gauge
4	Dec 67	Located North End of runway 750 ft West of centerline & 400 ft South of runway 16 Located South end of runway, 750 ft West of centerline & 5 ft North of runway 34	GMQ-11	RO-2	13 ft	8 inch Rain Gauge Temperature Humidity set (AN/TMQ-11), Rotating Beam Ceilometer (AN/GMQ-13), Transmission meter (AN/GMQ-10)
5	Mar 69	1. Same 2. Same	Same Same	RO-362	Same Same	8 inch Rain Gauge

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT. ABOVE GROUND	
6	Nov 77	1. Same	Same	RO-362	Same	
		2. Same	Same		Same	
7	Jun 82	1. Same	GMQ-11	RO-362	13 ft	
		2. Same	Same		Same	
8	Unknown	1. Same	GMQ-20	RO-362	13 ft	
		2. Same			Same	

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
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A

C PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WEAN sources).

C Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

722665
STATION

DYESS AFB TX
STATION NAME

74-83
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	00-02	.4	4.9	1.8	3.3		9.6	9.7	.1			9.7	930
	03-05	.3	5.4	1.7	3.1		9.7	9.8			.1	9.9	930
	06-08		5.5	2.0	3.7		10.9	10.1		.1	.3	10.5	930
	09-11	.2	5.8	2.2	2.7		10.2	12.3		.2		12.5	930
	12-14	.1	4.8	1.2	3.4		8.8	8.9		.1	.4	9.5	930
	15-17		5.3	1.0	3.0		8.7	8.0	.4		.9	9.0	930
	18-20		4.2	1.2	1.7		6.6	8.8	.2		1.3	10.2	930
	21-23		5.4	1.2	3.3		9.2	8.2	.3		.2	8.4	930
TOTALS		.1	5.2	1.5	3.0		9.2	9.5	.1	.1	.4	10.0	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

722665
STATION

DYESS AFB TX
STATION NAME

74-87

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
FEB	00-02		3.9	2.7	2.5		8.5	10.4	.2	.1	.7	11.5	846
	03-05	.8	4.0	1.6	3.1		7.4	10.6	.1	.5	.7	11.7	846
	06-08	.5	5.8	.5	3.0		6.6	13.5	.2		.4	14.1	846
	09-11	.1	6.0	.2	3.3		9.2	11.8			.6	12.4	846
	12-14	.1	5.2	.2	2.2		7.4	6.5			1.7	6.2	846
	15-17	.1	4.3	.6	2.0		6.3	5.3	.2		3.3	8.9	847
	18-20	.5	4.7	.5	3.2		7.9	5.6	.4	.2	3.1	9.5	846
	21-23	.2	5.2	1.4	2.6		8.7	8.0	.8	.2	.9	10.0	846
TOTALS		.3	4.9	1.0	2.7		8.0	9.0	.2	.1	1.4	10.8	6769

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

722605
STATION

WYESS AFB TX

STATION NAME

74-83

YEARS

W A -
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAR	00-02	1.4	4.9	.1	.3		5.3	3.7	.1		1.4	5.2	930
	03-05	.5	5.4	.2	.4		5.9	5.4			.5	5.9	930
	06-08	.2	6.5	.3	.3		7.0	7.2	.2		.1	7.5	930
	09-11	.4	5.4	.2	.5		5.9	4.3	.1		.2	4.6	930
	12-14	.6	5.4		.1		5.5	2.9	.4		2.4	5.7	930
	15-17	.6	4.0			.1	4.0	2.0			4.4	6.5	930
	18-20	.6	2.9		.1	.1	3.0	2.2	.1		5.1	7.3	930
	21-23	.9	3.4		.1		3.5	2.9	.1		3.4	6.5	930
TOTALS		.7	4.7	.1	.2	.0	5.0	3.8	.1		2.2	6.2	7990

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/HAC

WEATHER CONDITIONS

722605 STATION CYESS AFB TX STATION NAME 74-83 YEARS AFR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02	1.4	5.4				5.4	2.6	.1		1.7	4.6	900
	03-05	.9	4.4			.2	4.4	4.2	.2		1.2	5.7	900
	06-08	.4	4.1			.1	4.1	6.8	.8		1.2	8.8	900
	09-11	.2	4.2			.1	4.2	4.1	1.0		.7	5.8	900
	12-14	.6	3.3				3.3	1.6	.4		2.0	3.9	900
	15-17	1.6	4.0				4.0	.9	.3		3.2	4.4	900
	18-20	2.6	4.8				4.0	1.8			4.0	5.6	900
	21-23	1.4	5.7				5.7	2.1			2.9	5.0	900
TOTALS		1.1	4.5			.1	4.5	3.0	.4		2.1	5.5	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

722665 STATION DYESS AFB TX 74-83 YEARS MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	2.5	5.2			.1	5.2	1.5	.1			1.6	930
	03-05	2.2	4.6				4.6	4.4				4.4	930
	06-08	1.8	5.3				5.3	5.1	.4			5.4	930
	09-11	1.2	4.3				4.3	2.5	.3			2.6	930
	12-14	1.3	4.5			.1	4.5	1.5	.2			1.7	930
	15-17	3.2	4.0				4.0	.9			.5	1.4	930
	18-20	4.1	4.6			.1	4.6	.3			.3	.6	927
	21-23	4.5	4.7				4.7	1.0	.1			1.1	927
TOTALS		2.6	4.7			.0	4.7	2.2	.1		.1	2.4	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

722665 STATION DYESS AFB TX 73-87 YEARS JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUN	00-02	3.2	4.0				4.0	1.3	.2		.3	1.9	900
	03-05	3.0	4.8				4.8	1.6	.3		.2	2.3	900
	06-08	1.4	2.2				2.2	2.7	.3			2.8	900
	09-11	.7	1.4				1.4	.7				.7	900
	12-14	.7	1.9				1.9	.4	.1			.6	900
	15-17	2.9	3.1				3.1						900
	18-20	3.9	3.7			.1	3.7						900
	21-23	3.7	4.3				4.3	.4			.3	.8	900
TOTALS		2.4	3.2			.0	3.2	.9	.1		.1	1.1	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

WEATHER CONDITIONS

722665 STATION WYESS AFB TX STATION NAME 73-82 YEARS JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-02	1.5	2.2				2.2	.2	.8			1.0	930
	03-05	1.0	3.1				3.1	.5	.8			1.3	930
	06-08	.8	3.3				3.3	1.8	1.8			3.4	930
	09-11	.3	2.7				2.7	.8	.9			1.6	930
	12-14	1.7	4.0				4.0	.4	.1			.5	930
	15-17	4.2	4.8				4.8						930
	18-20	2.5	4.9				4.9		.2			.2	930
	21-23	1.7	2.3				2.3						930
TOTALS		1.7	3.4				3.4	.5	.6			1.0	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

722665
STATION

DYESS AFB TX
STATION NAME

73-82
YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	00-02	1.3	2.6				2.6	.8				.8	930
	03-05	1.5	3.1				3.1	1.4				1.4	930
	06-08	1.2	3.0				3.0	2.6	.1			2.9	930
	09-11	.5	3.1				3.1	1.2	.1			1.3	930
	12-14	1.4	2.3				2.3	.5	.1			.6	930
	15-17	2.9	4.2				4.2	.1				.1	930
	18-20	2.5	3.1				3.1				.1	.1	930
	21-23	1.5	2.5				2.5	.2				.2	930
TOTALS		1.6	3.0				3.0	.9	.0		.0	.9	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

722665
STATION

WYESS AFB TX
STATION NAME

73-82

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.2	8.0				8.0	9.7	.3			5.0	900
	03-05	.1	7.7				7.7	7.9	.2			8.0	900
	06-08	.6	9.8				9.8	10.6	.9			11.0	900
	09-11	.1	7.8				7.8	5.8	.8			6.4	900
	12-14	.7	7.7				7.7	2.6				2.6	900
	15-17	1.7	7.8				7.8	2.0	.6			2.6	900
	18-20	1.8	8.0				8.0	2.6	.7			3.2	900
	21-23	1.2	6.9				6.9	1.8	.3			2.1	900
TOTALS		.8	8.0				8.0	9.8	.9			5.1	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

722665 STATION DYESS AFB TX STATION NAME 73-82 YEARS OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
OCT	00-02	1.8	4.9				4.9	2.8				2.8	930
	03-05	1.4	7.0				7.0	3.9			.1	4.0	930
	06-08	.5	6.5				6.5	6.3	.4		.3	6.9	930
	09-11	.8	5.3				5.3	3.3	.3		.5	4.0	930
	12-14	.6	5.6			.1	5.6	1.5	.2		.3	2.0	930
	15-17	.6	5.6				5.6	1.9			.2	2.2	930
	18-20	.5	4.7				4.7	2.5	.3			2.6	930
	21-23	1.2	5.3				5.3	2.3	.1			2.3	930
TOTALS		.9	5.6			.0	5.6	3.1	.2		.2	3.4	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

722465 WYESS AFB TX STATION NAME 73-82 YEARS NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAZ	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	00-02	.7	5.6	.4	1.1		6.8	5.4			.1	5.6	900
	03-05	.2	6.3		.9		6.9	7.6			.1	7.7	900
	06-08	.1	6.0		1.1		6.6	9.3	.2			5.4	900
	09-11		5.2		1.4		6.2	8.0	.4			8.4	900
	12-14	.1	4.1		1.2		5.0	4.3	.4		.3	5.1	900
	15-17	.2	3.7	.1	.6		4.4	4.1			.4	4.6	900
	18-20	.3	3.4	.4	.7		4.6	4.4			.3	4.8	900
	21-23	.3	4.2	.3	1.2		5.8	4.7			.3	5.0	900
TOTALS		.2	4.8	.2	1.1		5.6	6.0	.1		.2	6.3	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

722665
STATION

DYESS AFB TX
STATION NAME

73-82
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DEC	00-02	.2	3.8	1.0	.8		5.5	4.1			.4	4.5	930
	03-05		4.1	1.2	.6		5.8	4.9			.3	5.3	930
	06-08		4.3	.9	.9		5.6	6.6			.2	6.8	930
	09-11		3.0	.6	1.1		4.5	5.9			.1	6.0	930
	12-14		2.7	.5	1.0		4.0	3.5	.2		.9	4.5	930
	15-17		3.8	1.0	.2		4.8	2.4	.1		1.8	4.3	930
	18-20		2.0	1.0	.6		3.7	4.2			1.0	5.2	930
	21-23		2.6	.5	.9		4.0	4.1			.5	4.6	930
TOTALS		.0	3.3	.6	.8		4.7	4.5	.0		.7	5.2	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

722665
STATION

DYESS AFB TX
STATION NAME

73-83

YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JAN	ALL	.1	5.2	1.5	3.0		9.2	9.5	.1	.1	.4	10.0	7440
FEB		.3	4.9	1.0	2.7		8.0	9.0	.2	.1	1.4	10.4	6769
MAR		.7	4.7	.1	.2	.0	5.0	3.8	.1		2.2	6.2	7440
APR		1.1	4.5			.1	4.5	3.0	.4		2.1	5.5	7200
MAY		2.6	4.7			.0	4.7	2.2	.1		.1	2.4	7434
JUN		2.4	3.2			.0	3.2	.9	.1		.1	1.1	7200
JUL		1.7	3.4				3.4	.5	.6			1.0	7440
AUG		1.6	3.0				3.0	.9	.0		.0	.9	7440
SEP		.8	6.0				8.0	4.8	.4			5.1	7200
OCT		.9	5.6			.0	5.6	3.1	.2		.2	3.4	7440
NOV		.2	4.6	.2	1.1		5.8	6.0	.1		.2	6.3	7200
DEC		.0	3.3	.8	.8		4.7	4.5	.0		.7	5.2	7440
TOTALS		1.0	4.6	.3	.7	.0	5.4	4.0	.2	.0	.6	4.8	87643

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

XX WEATHER CONDITIONS
 XXXXXXXXXXXXXXXXXXXXXXXXXX
 ATMOSPHERIC PHENOMENA

722665
 STATION

YECS AFB TX
 STATION NAME

56-87
 YEARS

ALL
 MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
 FROM DAILY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	0.0	23.5	7.2	12.2		28.1	22.0	1.6	1.1	.4	22.9	837
FEB		4.5	28.1	6.2	9.8	.7	31.1	22.6	3.0	.9	.8	24.7	762
MAR		8.5	26.0	1.3	4.3	1.7	27.8	14.8	1.8	.4	.4	16.4	837
APR		17.0	30.2	.2	.1	3.8	30.2	14.4	2.1		.4	15.6	810
MAY		24.7	36.3			3.7	36.3	12.6	1.4			13.5	868
JUN		19.0	27.0			1.4	27.0	5.9	.7		.1	6.5	810
JUL		15.3	21.9			.2	21.9	3.2	1.7		.1	4.4	836
AUG		17.9	26.5			.4	26.5	4.9	1.2		.1	5.5	837
SEP		12.1	30.9			.4	30.9	15.1	2.5			16.2	810
OCT		9.1	24.7		.2	.8	24.7	14.7	1.6			15.1	837
NOV		3.7	24.1	.7	2.7	.6	25.0	16.8	1.0		.1	17.1	809
DEC		1.9	22.1	4.7	6.2	.6	23.8	18.0	1.9	.1	.4	18.6	837
TOTALS		11.3	26.4	1.7	3.0	1.2	27.8	13.8	1.7	.2	.2	14.7	9890

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

B

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)
3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

702665

DYE'S AFB TX

43-45, 56-83

STATION

STATION NAME

YEARS

AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	72.7	12.0	2.4	3.8	2.7	3.0	1.9	1.1	1.1					16.0	899	1.15	5.70	.01
FEB	69.1	14.4	2.4	4.5	2.3	2.7	2.2	2.1	.2					17.5	819	1.07	3.49	TRACE
MAR	71.2	13.2	1.9	3.7	1.8	3.4	1.9	2.3	.7					15.6	899	1.24	3.68	.06
APR	69.2	10.6	1.6	3.7	2.8	3.4	3.1	3.7	1.5	.1	.1			20.0	870	2.37	10.19	TRACE
MAY	62.9	13.0	2.2	4.0	2.7	5.1	3.1	4.1	2.9	.2				24.2	930	3.25	14.70	.21
JUN	72.4	11.0	1.4	1.8	1.4	3.2	3.7	4.1	1.6	.3				17.6	870	2.56	7.38	TRACE
JUL	76.3	8.8	.9	2.0	1.6	2.8	2.7	2.7	2.1	.1	.1			14.9	899	2.37	8.57	TRACE
AUG	73.2	9.6	1.1	3.2	2.2	3.1	2.7	2.3	2.8		.1			17.2	899	2.58	8.92	TRACE
SEP	69.7	9.8	2.2	2.6	2.1	4.1	3.1	2.9	2.8	.0				20.6	870	3.23	10.92	TRACE
OCT	75.1	7.2	1.7	2.3	1.3	4.7	2.6	2.6	2.3	.2				17.7	899	2.54	9.73	.22
NOV	75.2	9.8	1.5	2.4	3.1	3.1	3.1	1.0	.9	.1				15.1	870	1.24	4.44	.01
DEC	74.9	10.4	1.8	3.2	2.6	2.8	2.2	1.5	.5					14.6	930	.97	3.25	.01
ANNUAL	71.7	10.7	1.8	3.1	2.2	3.5	2.7	2.5	1.6	.1	.0			17.6	10654	24.57		

USAFETAC FORM 0-13-5 (OL A)
OCT 75

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

722605
STATION

BYESS AFB TX

STATION NAME

43-45, 56-83

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43												.4	
44	.36	1.55	.66	.40	1.70	.71	1.61	1.10	.80	2.05	.54	.74	2.25
45	.17	.40	1.12	.39	1.15	2.67	1.48	2.13	.97	1.39	.55	.64	2.67
46					.11	TRACE	.34	.05	.04	1.10	.34	.70	
47	.34	.86	.47	5.90	2.02	.71	.53	.17	2.34	2.07	.56	.24	5.90
48	.35	.98	.41	1.68	1.48	1.53	.74	1.21	2.46	.37	.20	.12	2.46
49	.2	.18	.13	.28	1.00	.91	2.74	.51	.73	4.83	.42	.54	4.83
50	1.12	.37	.22	.30	1.10	.60	2.08	1.55	1.04	1.31	.21	1.26	2.08
51	1.95	.72	.22	TRACE	.92	1.71	.74	.37	3.35	.61	1.21	.12	3.35
52	.1	.02	.74	.21	.46	1.50	2.43	1.22	1.70	.95	.28	.56	2.43
53	.33	.37	.77	.95	4.59	.53	.23	1.19	.46	.36	1.19	.11	4.59
54	1.23	1.48	.93	1.31	.45	.56	.50	2.11	.88	.61	1.19	.18	2.11
55	.86	.51	.17	1.91	2.11	.64	.52	.72	2.51	2.07	1.58	.31	2.51
56	.27	.39	.23	2.81	.21	1.06	.11	1.07	1.26	1.95	.24	.56	2.81
57	.33	.14	.91	.39	1.87	2.16	.95	TRACE	2.57	1.72	1.43	.9	2.57
58	1.71	.70	1.19	.13	.40	.72	1.43	1.10	.47	.13	1.94	.12	1.94
59	.63	1.10	.83	.87	2.94	2.06	TRACE	.71	2.54	.33	.44	.58	2.94
60	.75	.63	.70	.30	1.32	2.87	.17	.25	2.30	.23	.07	.16	2.87
61	.1	.18	.06	1.93	1.35	.51	2.11	2.42	2.38	.67	.34	.55	2.42
62	.12	.2	.34	1.12	1.51	1.14	.23	2.55	.56	1.53	.10	.03	2.05
63	1.35	.81	.72	.54	.27	1.06	1.16	.35	2.46	.64	.36	.51	2.46
64	.18	.68	1.05	1.07	.34	.46	.13	2.48	3.43	1.69	.30	.47	3.43
65	.18	.78	1.22	.78	1.39	.62	5.54	1.04	1.10	.77	2.72	.72	5.54
66	.01	TRACE	.11	1.13	.59	.47	1.44	.90	3.23	1.37	.46	.57	3.23
67	.61	.13	2.31	1.92	.20	.79	1.69	1.12	TRACE	.75	.14	.15	2.31
68	.22	.61	.29	.92	.68	.76	.95	6.78	1.05	1.06	.33	.19	6.78
69	.44	.47	.78	.61	1.26	4.33	.89	.72	.14	.54	.26	1.26	4.33
70	.49	.27	.53	.05	1.86	.71	.37	.94	1.56	.77	.89	1.33	1.86
71	1.13	.92	1.58	.97	.49	2.36	2.09	.82	.99	2.72	.24	.15	2.72
72	.41	.58	.37	.27	1.77	.98	.80	1.32	.94	.50	.90	.39	1.77
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

~~722665~~ ~~YES AFB TX~~
STATION STATION NAME

~~43-45, 56-83~~ YEARS

24 HOUR AMOUNTS IN INCHES

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
XXXXXXXXXXXXXXXXXXXX
MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

122665 DYE S AFB TX STATION NAME

43-45, 56-81 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43												1.75	
44	1.34	2.06	1.04	.71	5.57	1.02	3.84	2.55	1.16	2.07	1.47	2.99	24.52
45	.34	1.72	2.97	1.59	2.96	5.33	4.69	7.75	1.42	3.73	.59	.59	29.15
46					.21	TRACE	.56	.28	.05	2.52	.49	.28	
47	.50	1.62	.70	10.19	14.70	1.93	1.25	.34	3.85	2.99	1.72	.41	40.19
48	1.24	1.90	1.67	3.18	3.33	2.38	1.68	2.85	4.41	1.57	.42	.11	25.14
49	.14	.35	.13	.55	2.74	3.94	7.11	.54	1.37	5.20	.45	1.70	24.17
50	2.23	.70	.24	1.95	1.71	1.81	2.97	3.91	1.42	3.43	.31	3.25	23.62
51	3.93	1.66	.69	TRACE	1.87	7.38	4.36	.63	6.03	1.29	3.67	.71	31.84
52	.33	.03	1.47	2.23	.55	5.56	4.22	1.37	3.40	1.15	.56	1.01	21.38
53	.74	.49	.07	1.76	9.77	1.23	.40	3.14	.50	.44	2.17	.35	19.66
54	2.11	2.48	1.62	2.11	1.26	1.00	.50	4.94	1.87	1.06	2.01	.19	21.65
55	1.17	1.36	.22	3.16	6.58	2.42	.69	1.29	1.31	3.06	1.67	.95	28.83
56	.78	.78	.51	7.39	.63	2.16	.11	4.92	3.10	2.21	.25	.10	22.97
57	.93	.15	1.04	.98	2.99	3.22	1.79	TRACE	5.77	2.63	3.09	1.49	22.48
58	5.31	3.49	2.69	2.51	1.80	1.04	2.77	1.44	.83	.22	4.00	.21	26.78
59	.63	1.94	2.40	2.45	6.37	2.89	TRACE	1.49	5.56	1.61	1.30	2.04	27.73
60	.10	1.54	1.80	1.97	3.76	2.87	.17	.46	3.43	.72	.17	.26	17.07
61	.31	.23	.06	2.54	2.85	1.50	3.67	8.92	6.53	1.93	.55	1.46	30.37
62	.27	.03	.34	1.70	2.91	3.11	.90	4.87	1.44	5.71	.46	.05	21.31
63	3.33	1.92	2.54	1.42	.72	1.79	2.18	.68	4.01	2.81	.97	.71	21.51
64	.13	.68	1.08	2.37	.69	.92	.27	5.51	10.92	5.29	1.16	1.71	32.73
65	.51	1.74	1.39	.56	3.80	1.08	8.57	3.36	3.04	.85	2.81	.71	28.49
66	.01	TRACE	.20	4.03	.99	.71	5.93	1.33	5.02	5.47	.73	.27	24.46
67	1.63	.16	2.41	5.36	.21	1.28	2.32	3.25	TRACE	1.96	.25	.15	19.01
68	.65	1.29	.17	.97	1.46	2.28	1.36	7.39	3.50	1.49	1.38	.29	22.01
69	1.05	.94	3.98	1.92	2.67	6.77	1.61	1.52	.22	.54	.52	2.74	23.78
70	.67	.51	.59	.05	4.37	1.95	.37	1.52	6.54	.83	1.67	2.05	21.05
71	1.24	1.27	2.04	3.47	1.70	4.20	4.05	.83	1.38	9.73	.41	.76	30.60
72	.64	.71	.44	.53	6.87	3.10	.86	1.97	1.22	1.13	1.68	1.72	20.87
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-003 (OLA)

XXXXXXXXXXXXXXXXXXXXXXXXXXXX

FROM DAILY OBSERVATIONS

722665 STATION YES AFS TX STATION NAME

43-45, 56-83 _____ YEARS

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

722465 DYESS AFB TX

56-63

STATION

STATION NAME

YEARS

AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-54	65-104	105-154	155-254	255-504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	87.5	9.1	.6	1.0	.7	.5	.4	.1	.2					3.5	837	2.4	18.1	
FEB	90.0	6.8	1.0	.9	.4	.4	.4							3.1	762	1.2	6.7	
MAR	95.9	2.8	.4	.2	.4	.1		.2						1.3	835	.8	6.5	
APR	99.9	.1													810	TRACE	TRACE	
MAY	100.0														868	.0	.0	
JUN	100.0														810	.0	.0	
JUL	100.0														837	.0	.0	
AUG	100.0														837	.0	.0	
SEP	100.0														810	.0	.0	
OCT	99.8	.2													837	TRACE	TRACE	
NOV	96.9	2.0		.5	.1	.1	.1	.2						1.1	810	.9	8.1	
DEC	93.8	4.8	.5	.7	.1									1.4	810	.3	4.1	
ANNUAL	97.0	2.1	.2	.3	.1	.1	.1	.0	.0					.9	9863	5.6		

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFR WEATHER SERVICE/MAC

EXTREME VALUES

SNO-FALL

FROM DAILY OBSERVATIONS

722665 STATION CYESS AFB TX STATION NAME

56-YEARS YEARS

24 HO F AMOUNTS IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
55					.0	.0	.0	.0	.0	.0	.0	.0	
57	TRACE	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.4
58	2.4	1.0	3.3	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	3.7
59	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
60	TRACE	.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0
61	1.4	3.5	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	3.5
62	TRACE	TRACE	5.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.0
63	.2	3.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.1	3.7
64	2.2	1.5	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.2
65	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
66	4.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0
67	.0	TRACE	.1	.0	.0	.0	.0	.0	.0	TRACE	.0	1.4	1.4
68	TRACE	1.5	2.2	.0	.0	.0	.0	.0	.0	.0	4.2	.0	4.2
69	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.4	2.4
70	TRACE	TRACE	5.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8
71	.0	1.1	.6	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.1
72	1.0	TRACE	1.5	.0	.0	.0	.0	.0	.0	.0	1.0	TRACE	1.5
73	7.1	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0
74	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
75	2.8	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.8
76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	.0	5.0
77	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	2.1
78	1.3	1.3	.7	.0	.0	.0	.0	.0	.0	.0	.0	1.4	1.4
79	TRACE	3.5	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.5
80	TRACE	2.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	5.7	.0	5.7
81	2.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3
82	3.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	3.4
83	7.8	TRACE	.0	.0	.0								
MEAN	1.4	.95	.65	TRACE	.00	.00	.00	.00	.00	TRACE	.64	.27	2.79
SD	2.11	1.20	1.56	.000	.000	.000	.000	.000	.000	.000	1.605	.673	1.953
TOTAL OBS	237	762	835	810	868	810	837	837	810	937	810	81	9863

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OEA)

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFR WEATHER SERVICE/MAC

EXTREME VALUES
XXXXXXXXXXXXXXXXXXXXX
MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

722665
STATION

YEARS 1988-1993

STATION NAME

56-13

YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
51					.0	.0	.0	.0	.0	.0	.0	.0	
52	TRACE	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.4	.0	1.4
53	6.5	1.0	5.1	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	13.6
54	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
55	TRACE	.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.4
56	1.8	6.7	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	8.6
57	TRACE	TRACE	5.0	.0	.1	.0	.0	.0	.0	.0	TRACE	TRACE	5.2
58	.2	4.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.3	5.6
59	2.2	1.6	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.8
60	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
61	10.3	5.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.1
62	.0	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	* 1.5
63	TRACE	3.5*	2.2	.0	.0	.0	.0	.0	.0	.0	8.1	.0	* 13.8
64	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	4.1	4.1
65	TRACE	TRACE	6.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5
66	.1	1.1	.6	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.7
67	1.1	TRACE	1.5	.0	.0	.0	.0	.0	.0	.0	1.0	TRACE	4.0
68	18.1	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22.9
69	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
70	2.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.5
71	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	.0	7.1
72	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	3.0
73	1.4	1.3	.7	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.7
74	TRACE	3.6	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.6
75	TRACE	2.4	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	6.5	8.9
76	2.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
77	3.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	4.4
78	12.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MEAN	2.41	1.21	.75	TRACE	.00	.00	.00	.00	.00	TRACE	.89	.35	5.27
S.D.	4.433	1.779	1.808	.000	.000	.000	.000	.000	.000	.000	2.308	.893	5.045
TOTAL OBS.	837	762	835	810	868	810	837	837	810	837	810	810	9863

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPT
(FROM DAILY OBSERVATIONS)

702665 EYESS AFB TX

43-45, 56-83

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	91.6	4.4	1.7	.8	1.0	.1	.4							3.9	838			
FEB	93.6	3.9	1.4	.5	.4	.1								2.5	762			
MAR	98.9	.4	.4	.1		.2								.7	837			
APR	100.0														810			
MAY	100.0														868			
JUN	100.0														810			
JUL	100.0														837			
AUG	100.0														837			
SEP	100.0														810			
OCT	100.0														837			
NOV	97.9	.9	.5	.2	.2	.2								1.2	810			
DEC	96.9	2.2	.6	.4										1.0	837			
ANNUAL	98.2	1.0	.4	.2	.1	.0	.7							.8	9893			

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

722665 STATION 0YECS AFB TX STATION NAME

43-45, 56-87 YEARS

DAILY SNOW DEPTH IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
43													
44		1	0	0	0	0	0	0	0	0	0	0	
45		1	2	0	0	0	0	0	0	0	0	0	
50						0	0	0	0	0	0	0	
57			0	0	0	0	0	0	0	0	0	0	
58		1	1	1	0	0	0	0	0	0	0	0	
59	TRACE	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
60		TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
61	3	5	1	0	0	0	0	0	0	0	0	0	
62	TRACE	TRACE	5	0	0	0	0	0	0	0	TRACE	TRACE	
63	TRACE	1	0	0	0	0	0	0	0	0	0	TRACE	
64		2	2	0	0	0	0	0	0	0	0	0	
65		1	0	1	0	0	0	0	0	0	0	0	
66		1	3	0	0	0	0	0	0	0	0	0	
67		1	0	0	0	0	0	0	0	0	0	0	
68		1	1	2	0	0	0	0	0	0	0	2	
69		1	0	0	0	0	0	0	0	0	0	1	
70		1	0	0	0	0	0	0	0	0	0	0	
71		1	1	1	0	0	0	0	0	0	0	0	
72	TRACE	1	0	0	0	0	0	0	0	0	0	TRACE	
73	8	TRACE	1	0	0	0	0	0	0	0	0	0	
74	TRACE	0	TRACE	0	0	0	0	0	0	0	0	TRACE	TRACE
75		1	0	0	0	0	0	0	0	0	0	TRACE	
76		1	0	1	0	0	0	0	0	0	0	1	
77		3	0	0	0	0	0	0	0	0	0	0	
78		1	1	TRACE	0	0	0	0	0	0	0	0	
79		1	3	0	0	0	0	0	0	0	0	1	
80	TRACE	2	1	0	0	0	0	0	0	0	0	0	
81	TRAC	0	0	0	0	0	0	0	0	0	0	0	TRACE
82		TRACE	0	0	0	0	0	0	0	0	0	0	
MEAN													
SD													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

EXTREME VALUES

SND. DEPTH

FROM DAILY OBSERVATIONS

752605 STATION WYESS AFB TX STATION NAME

43-45, 56-83 YEARS

DAILY SNOW DEPTH IN INCHES

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- *1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- *2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VBRL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFD WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATIONS

122665 CYESS AFB TX STATION NAME

57-83 YEARS

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
57									NNE 40	34N	33NW	41	
58	NE 31NW	40NW	32NW	40NE	43NE	64SSW	32NNE	27SW	27SW	24NW	42N	22	NNE 64
59	SSW 35NW	35NW	41NNE	37WSW	43N	77	71NE	33SSW	25SSW	31WSW	40S	73	SSW 43
60	40N	50WNW	41S	34S	38W	52N	33S	30N	32WNW	34SSW	36N	73	SSW 52
61	36W	33WNW	38WSW	48N	36WNW	54N	32SE	28SSE	42N	42W	34W	73	SSW 54
62	SSW 41S	37W	49S	38S	39WNW	51SSW	55S	26NNE	34S	37SSW	37N	27	SSW 55
63	37W	34S	37NW	47SS	49N	50N	33WSW	39ESE	2SW	29NE	41SSW	73	SSW 57
64	42SSW	40W	42S	40SS	39WNW	54S	32NNW	56N	33S	38SE	36S	42	SSW 58
65	SW 48S	38S	40W	51SS	45S	44S	30SE	36W	38SE	39WSW	35W	4	SSW 51
66	SSW 53S	38NW	49NNE	35SS	40S	36SE	30N	29N	32NNE	35SS	71N	33	SSW 53
67	44N	41N	43W	54NNE	54S	44NE	33S	38S	43N	41W	37S	41	SSW 54
68	39N	38S	39N	75SS	45S	3416/	37 9/	3620/	2718/	3718/	3727/	48	27/ 48
69	2/	3326/	3726/	3718/	4233/	4235/	5413/	2616/	2832/	3416/	3920/	3620/	40 35/ 54
70	21/	4121/	3918/	3920/	4031/	3827/	4718/	2826	3416/	3230/	3020/	4124/	48 24/ 48
71	19/	4219/	3828/	4010/	3929/	4219/	4628/	3436/	3034/	3535/	422/	3525/	47 25/ 47
72	18/	412/	3625/	3823/	4216/	3635/	5314/	3116/	29 2/	30 2/	2829/	4429/	42 35/ 53
73	24/	4017/	3327/	43 1/	3325/	4215/	3717/	33 4/	39 1/	4418/	3517/	3918/	73 1/ 44
74	27/	3727/	4732/	3429/	6020/	3831/	44 7/	4428/	3834/	2819/	3114/	4121/	27 14/ 27
75	35/	4129/	4628/	4816/	4016/	4016/	4415/	31 5/	3336/	3218/	4021/	4016/	76 26/ 49
76	19/	3928/	4630/	4716/	5627/	472/	3716/	4721/	2919/	2818/	30 3/	3018/	33 16/ 56
77	3/	3728/	4425/	4415/	3225/	5017/	3421/	30 3/	3716/	36 2/	3030/	3427/	44 25/ 50
78	19/	3636/	3435/	3418/	3522/	3830/	39 5/	3311/	3218/	3136/	3720/	3029/	73 31/ 39
79	21/	3629/	3818/	3825/	3828/	4235/	3876/	4236/	2929/	3224/	4329/	32 2/	75 24/ 43
80	18/	3236/	3726/	41 1/	4014/	4029/	51 3/	2516/	2819/	3218/	3223/	3217/	76 29/ 52
81	29/	2836/	3329/	4519/	3831/	3918/	32 5/	4415/	22 3/	3033/	2927/	3432/	39 29/ 49
82	26/	3717/	3631/	3624/	4134/	4234/	3675/	3027/	25 4/	3836/	3717/	3636/	29 34/ 42
83	17/	3929/	3234/	4433/	5034/	39							
MEAN	36.7	36.5	40.7	41.8	41.8	44.2	33.4	32.5	32.9	34.7	36.0	37.5	51.1
SD	5.243	4.752	4.557	7.321	4.403	3.369	5.601	7.353	5.026	4.838	9.747	6.351	5.911
TOTAL OBS	632	733	802	779	802	729	760	747	764	793	768	793	4272

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 800-3 (OLA)

S (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

U.S. CLIMATE BUREAU
 WASHINGTON, D.C.
 WASHINGTON SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME ALBUQUERQUE YEARS 1948-50 MONTH 1
 CLASS ALL HOURS (L.S.T.) 0000-0000
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.3	3.5	3.7								11.4	1.1
NNE	.5	1.3	1.6	.6								2.4	1.1
NE	.6	.8	.9	.4								2.7	1.1
ENE	.6	.6										1.2	1.1
E	1.4	.1	.1	.2								1.2	1.4
ESE	.4	1.1	.1									1.1	1.4
SE	.6	.1	1.1	.1								1.1	1.1
SSE	1.2	1.7	1.3	2.1	.1							1.1	1.7
S	2.1	3.1	4.1	4.1	1.5	.1						1.1	3.1
SSW	1.2	2.1	2.2	3.7	.4							1.1	2.1
SW	1.1	1.4	1.5	1.4	.2							1.1	1.1
WSW	1.1	1.1	1.1	.7								1.1	1.1
W	.2	1.7	1.9	.5	.2							1.1	1.7
WNW	.6	2.4	.4									1.1	1.1
NW	1.2	2.2	.5	.1								1.1	1.1
NNW	1.2	.7	.5	.5								1.1	1.1
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 27

NO. CLIM. STATION RANGE
 1000
 DATA - 1000000000

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

STATION NAME 70-00 YEARS 1950-1951 MONTH 1950

CLASS ALL CONDITION ALL

SPEED KMPH DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	4.4	4.5	2.4	.5		.1					1.2	1.2
NNE		1.7	1.1	1.1	.3							2.3	1.2
NE		.1										1.0	1.2
ENE	1.0	1.1	.2									.7	1.2
E	.1		.1									.1	4.4
ESE	.2	.1	.2									.1	1.2
SE		1.1	1.0	.2	.1							.4	1.2
SSE		1.7	1.1	1.2								.1	1.2
S	.1	4.3	2.8	1.6	.6							1.2	1.2
SSW	1.0	2.7	2.3	.3	.4							.9	1.2
SW	1.0	1.7	1.1	.5	.2							.1	1.2
WSW	1.1	1.1	1.8	.6								.1	1.2
W	.1	2.4	2.4	1.6	.1							.2	1.2
WNW	1.0	2.2	.6	.4								.1	1.2
NW	1.0	1.7	.5	.1								.1	1.2
NNW	1.0	1.7	1.0	.2	.2							.1	1.2
VARBL													
CALM												13.0	

TOTAL NUMBER OF OBSERVATIONS 1000

NOTE: ALL DATA ARE IN PERCENTS UNLESS OTHERWISE NOTED

1
 NAVAL CLIMATE CENTER BRANCH
 1100 PAC
 1100 PAC
 1100 PAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: WHEEL AFB TX STATION NAME: WHEEL AFB TX YEARS: 1954-1955 MONTH: 12
 CLASS: ALL CLASS: ALL HOURS (L & T): 0000-2300
 CONDITION: ALL CONDITION: ALL

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	3.1	5.7	3.3	.4		.2					1.1	1.1
NNE	.4	.5	1.4	1.2	.4	.2						.2	1.1
NE	.3	.1	.2									.1	.2
ENE	.4	.2	.2									.1	.4
E	.6	1.2	.5									.2	1.1
ESE	.5	1.4	.4									.2	1.1
SE	.6	.6	.5	.1	.1							.2	1.1
SSE	1.4	1.1	.4	.8	.2							.2	1.1
S	1.3	3.7	3.8	2.4	.5							1.3	1.1
SSW	2.0	1.1	1.6	2.2	.2							2.3	1.1
SW	1.4	.6	1.7	1.2								.4	1.1
WSW	1.3	.5	1.2	.2								.4	1.1
W	2.3	1.1	1.2	1.1								.2	1.1
WNW	1.2	2.0	1.2	.3								.4	1.1
NW	.4	1.3	.8	.6	.1							.2	1.1
NNW	1.2	1.6	.5	.8								.4	1.1
VARBL													
CALM												1.1	

TOTAL NUMBER OF OBSERVATIONS

LOCAL CLIMATELOGY BRANCH
USAFETAC
AND WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION WVLS AFB TX STATION NAME 74-63 YEARS 1950-1959 MONTH ALL
CLASS WEATHER
CONDITION ALL
HOURS (L.S.T.) 0000-1100

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	4.1	6.2	5.2	1.2	.1						1.2	2.5
NNE	.6	1.2	2.5	1.4	.6							5.9	2.4
NE	.4	1.5	1.0		.1							1.0	2.3
ENE	.4	.4	.6									1.0	2.5
E	.8	.9	.5	.2								2.4	2.5
ESE	.5	1.2	.9									2.9	2.2
SE	1.2	1.4	.9									3.4	4.9
SSE	1.5	1.1	1.5	.9	.2							3.2	7.4
S	1.4	2.7	2.8	3.1	1.2	.3						12.5	9.8
SSW	.5	.2	1.8	3.3	.8	.1						7.4	11.2
SW	1.4	.5	1.2	1.7	.1							4.9	2.3
WSW	.3	.5	1.4	1.2	.2	.1						3.5	1.1
W	1.2	1.1	2.2	1.6	.3	.1						6.1	4.0
WNW	.5	1.5	1.2	1.2								4.0	7.6
NW	1.2	1.4	2.3	.5	.1							2.5	6.5
NNW	1.2	1.2	2.3	.8	.2	.2						6.3	6.1
VARBL													
CALM												7.0	
	14.5	21.1	30.1	21.1	5.1	1.2						120.3	

TOTAL NUMBER OF OBSERVATIONS 1203

CENTRAL CLIMATOLOGY BRANCH
AFSTAC
415 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1000005
STATION

LYESS AFB TX

STATION NAME

74-83

YEARS

121
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

SPEED (KNTS, DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	2.6	6.9	5.8	1.4							1.00	1.00
NNE	1.0	1.6	2.3	1.6	.8							1.00	1.00
NE	.8	1.0	1.2	.2	.2							1.03	1.03
ENE	.3	1.0	1.3	.1								1.01	1.01
E	1.2	.6	.8									1.07	1.07
ESE	.4	.2	.5									1.07	1.07
SE	.3	1.3	1.0	.1								1.07	1.07
SSE	.8	1.1	.5	.8	.3	.1						1.05	1.05
S	.3	2.5	4.6	4.0	.8	.1						1.03	1.03
SSW	.4	1.0	2.0	3.9	.8	.2						1.00	1.00
SW	.3	.4	2.0	2.0	.9							1.03	1.03
WSW	.3	1.2	1.6	1.6	.6	.2						1.00	1.00
W	.5	1.6	1.8	1.7	.3	.2						1.02	1.02
WNW	.4	.3	.8	1.9	.2							1.07	1.07
NW	.4	1.2	1.9	1.0								1.05	1.05
NNW	.1	1.1	2.7	1.7	.5	.1						1.00	1.00
VARBL													
CALM												4.0	
	9.7	19.1	32.9	26.5	6.3	1.0						100.0	1.00

TOTAL NUMBER OF OBSERVATIONS

37

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFM 7-20
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 127561 BYONS AFB TX STATION NAME 74-83 YEARS 1960-1970 MONTH NA
 ALL WEATHER CLASS 1000-1700 HOURS (LST)
 CONDITION

SPEED KNOTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	3.5	4.0	5.0	.8							10.6	5.7
NNE	1.2	1.8	2.3	3.3	.1							5.7	2.5
NE	.0	1.7	1.3	.7								3.2	1.2
ENE	.6	.8	.3	.1	.1							1.9	.5
E	.5	1.5	1.2									2.2	1.0
ESE	.5	.4	.6	.1								1.7	.6
SE	.2	1.4	.5	.1								2.9	1.0
SSE	.5	1.6	1.4	1.1								4.0	1.7
S	.9	3.1	6.5	3.9	.6							14.9	9.2
SSW	.2	1.1	3.5	2.7	.3							7.8	2.1
SW	.6	.5	2.2	2.3	.7							5.9	1.8
WSW	.1	1.1	2.4	1.1	.2							4.0	1.0
W	1.0	1.0	2.5	.8	.4	.2						5.6	2.1
WNW	.8	.8	1.4	.6								3.6	1.0
NW	.5	.8	1.2	1.1	.1							3.7	.8
NNW	1.1	1.9	2.0	1.3	.3							4.7	1.5
VARBL													
CAIM												4.3	
	11.1	22.4	34.2	24.5	7.3	.7						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 97

U.S. CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

102605
STATION

LYESS AFB TX

STATION NAME

74-03

YEARS

1A

MONTH

ALL WEATHER
CLASS

107-00
HOURS (L.S.T.)

CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.3	5.2	4.9	2.7								15.1	7.1
NNE	.6	1.4	3.0	1.2	.3							6.3	6.7
NE	.6	1.4	.9	.4								3.3	4.2
ENE	.4	.5	.4	.1								1.5	1.3
E	.2	1.9	1.2									4.1	3.4
ESE	.6	2.3	.8									3.7	3.5
SE	.5	1.7	1.5	.1								3.2	4.3
SSE	1.5	2.6	1.6	.8								1.3	3.6
S	3.7	7.1	3.9	2.3								16.2	6.2
SSW	2.7	3.5	1.0	.3								7.5	4.7
SW	2.2	1.9	.4									4.5	3.5
WSW	.8	1.2	.4	.1								2.5	4.2
W	1.1	1.3	.4	.3	.1							3.2	4.1
WNW	1.3	.9		.3	.1							2.6	3.5
NW	1.1	.1	.2	.3								1.7	3.1
NNW	1.1	.9	.9	.5								3.3	4.3
VARBL													
CALM												15.2	
	21.3	34.1	21.7	9.1	.5							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

977

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

710665 LYESS AFB TX STATION NAME 74-83 YEARS JAN NORTH
STATION 112-2300 HOURS (LST)
ALL WEATHER CLASS
CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	3.2	4.2	2.3								1.2	7.6
NNE	.0	1.7	2.3	.3	.1							3.6	7.6
NE	1.2	1.1	1.3	.1								7.7	6.6
ENE	.3	.4	.4									1.2	6.6
E	.8	1.0	1.0									2.7	6.6
ESE	1.0	2.0	.5									3.0	6.6
SE	.6	1.2	1.4	.4								3.7	6.6
SSE	1.6	1.9	1.7	1.5								6.5	7.1
S	4.5	4.5	4.3	3.7	.3	.1						17.4	1.3
SSW	2.5	3.2	2.4	1.2	.1							9.4	6.2
SW	3.2	2.4	.9	.5								7.0	4.3
WSW	1.0	.4	1.0	.4								2.5	6.2
W	.9	1.5	1.3	.8	.1	.1						4.7	7.4
WNW	.4	1.2	.6	.1								2.4	6.6
NW	.3	1.3	.2	.2								1.7	6.4
NNW	.6	.6	.6	.2	.1							2.3	7.0
VARBL													
CALM												14.4	
	20.9	27.5	24.1	12.2	.8	.2						170.0	6.7

TOTAL NUMBER OF OBSERVATIONS 570

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 722665 CROSS AFB TX STATION NAME 74-83 YEARS 1960-1961
ALL WEATHER CLASS 3.1 HOURS (L E T)
CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	3.7	5.1	4.0	.5	.5	.0					14.7	3.4
NNE	.7	1.4	2.0	1.4	.3	.0						2.7	2.7
NE	.8	.9	1.0	.2	.0							1.1	1.1
ENE	.6	.5	.4	.0	.0							1.7	1.7
E	.8	1.1	.7	.1								2.6	2.6
ESE	.7	1.2	.5	.0								2.4	2.4
SE	.7	1.2	1.0	.2	.0							3.1	3.1
SSE	1.2	1.5	1.2	1.0	.1	.0						3.1	3.1
S	2.1	4.0	4.2	3.3	.7	.1						14.4	3.4
SSW	1.5	2.2	2.2	2.4	.4	.0						6.5	3.5
SW	1.6	1.1	1.5	1.2	.2							6.6	2.4
WSW	.7	.0	1.3	.7	.1	.0						3.1	2.9
W	1.1	1.5	1.8	1.1	.2	.1						6.6	2.7
WNW	.8	1.5	.8	.6	.0							3.7	2.7
NW	.3	1.1	1.0	.6	.0							3.5	2.7
NNW	1.2	1.2	1.4	.8	.2	.0						4.2	2.6
VARBL												11.0	
CALM													

TOTAL NUMBER OF OBSERVATIONS 749

U.S. AIR FORCE
 CLIMATE BRANCH
 WASHINGTON, D.C.

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME YESS AFB TX YEARS 74-75 MONTH ALL
 CLASS ALL WEATHER
 CONDITION

SPEED KNTS DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.7	3.7	2.3	.2							2.5	2.4
NNE	.5	.9	2.0	.8	.4							4.3	2.2
NF	.5	.5	.5									1.4	2.2
ENE	.2	.5	.4									1.1	4.9
E	.6	.0	.4									1.2	4.2
ESE	.5	.7	.4									1.2	4.2
SE	.1	1.1	.6	.1								1.9	6.4
SSE	1.5	1.8	2.0	.7	.1							1.1	6.7
S	2.7	4.0	4.5	4.4	1.3							1.8	6.4
SSW	1.9	1.9	4.0	3.8	.5	.1						1.2	6.2
SW	2.4	2.5	2.1	1.1								1.3	6.2
WSW	.7	.6	.9	.5								1.2	6.4
W	1.2	2.0	1.3	.5	.2							1.2	6.4
WNW	.4	1.7	1.7	.2								1.9	6.2
NW	.9	1.7	1.3	.4								4.3	5.5
NNW	.7	.8	1.3	.5		.1						3.4	7.7
VARBL													
CALM												15.5	
	15.4	23.0	27.0	16.2	2.7	.2						107.7	6.3

TOTAL NUMBER OF OBSERVATIONS 696

REGIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

222665 LYESS AFB IX STATION NAME 74-63 YEARS MONTH
ALL WEATHERP CLASS 1000-0000 HOURS (LST)
CONDITION

SPEED KNOTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.5	4.5	3.2	.5	.1						12.4	6.6
NNE	.5	1.2	1.5	.8	.1							4.1	2.2
NE	.4	.4	.7	.4								1.1	2.7
ENE	.2	.5										.7	4.0
E	.5	.4	.2									1.1	4.4
ESE	.8	.1	.1									1.1	3.6
SE	1.1	.8										1.7	3.0
SSE	.9	2.2	1.2	.4	.2							5.0	6.5
S	2.5	2.4	3.2	3.5	1.2	.5	.1					13.4	9.6
SSW	1.7	4.7	3.2	3.9	1.2							14.7	8.7
SW	2.0	1.7	2.2	1.8								7.7	6.9
WSW	.6	1.4	1.1	1.3								4.4	7.9
W	1.7	1.4	.8	.6	.1							4.8	6.0
WNW	1.4	1.8	2.0	.2								3.4	5.7
NW	1.3	.7	1.7	.4								4.1	6.2
NNW	1.2	1.2	1.5	.1								4.0	5.6
VARBL													
CALM												1.0	
	18.0	23.6	20.0	16.5	3.3	.6	.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 886

LOCAL CLIMATOLOGY BRANCH
 AFM TAC
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 100505 DYERS AFB TX STATION NAME 74-82 YEARS 1950-1959 MONTH ALL MONTH
 CLASS ALL WEATHER
 CONDITION

SPEED KNTS/ DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	3.2	4.5	3.0	.7							1.2	1.1
NNE	.4	.7	1.2	.6								1.2	1.1
NE	.4	.4	.4	.1								1.2	1.1
ENE	.6	.6	.1									1.2	1.1
E	.2	.4	.4									1.2	1.1
ESE	.6	.6	.4									1.2	1.1
SE	.5	.9	.7	.1								1.2	1.1
SSE	.6	1.4	.5	1.1	.2							1.2	1.1
S	3.4	3.2	2.6	3.1	1.1	.1						12.5	1.1
SSW	2.2	2.2	3.1	3.0	.8							12.9	1.1
SW	2.1	.3	1.7	.8	.1							5.7	1.1
WSW	1.1	1.2	2.0	.8								2.1	1.1
W	1.7	1.4	1.3	1.5	.1							2.2	1.1
WNW	2.0	1.3	1.4	.1	.1							2.2	1.1
NW	1.2	1.5	2.2	.5	.1							2.2	1.1
NNW	1.3	.2	1.9	.7								4.7	1.1
VARBL													
CALM												17.1	
	19.0	20.3	24.7	15.4	3.3	.1						100.0	1.1

TOTAL NUMBER OF OBSERVATIONS 596

LOCAL CLIMATE SERVICE BRANCH
 222600
 WEATHER SERVICE / MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 222600
 DATE 1955 APR 19
 CLASS ALL WEATHER
 YEARS 74-81
 MONTH NORTH
 CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	3.2	5.9	5.9	.7							12.4	5.4
NNE	.8	1.1	1.8	1.1								4.7	7.2
NE	.6	1.3	.4	.1	.2							1.2	1.2
ENE	.6	.7	.5		.1							1.8	1.1
E	.6	.1	.5	.1								1.4	1.2
ESE	.4	.9	.9									1.2	1.2
SE	.5	.2	.6		.1							1.4	1.4
SSE	.4	1.2	1.5	.5	.4	.1						4.5	1.2
S	1.8	1.8	4.1	3.3	2.4	.2						13.2	11.2
SSW	.5	1.7	3.3	5.1	1.7	.4						12.5	11.7
SW	.6	1.1	1.7	1.7	.6							1.6	1.2
WSW	.5	1.2	.8	1.2	.2	.1						4.1	1.2
W	.4	1.7	2.4	.9	.3	.5						6.1	1.2
WNW	.9	.9	1.7	1.2	.2	.2	.1					1.3	1.2
NW	.5	.8	2.5	1.8								1.5	1.2
NNW	.7	.7	2.4	1.2	.2							1.2	1.2
VARBL													
CALM													
	11.6	15.3	31.0	24.5	7.7	1.5	.1					100.0	

TOTAL NUMBER OF OBSERVATIONS

FEDERAL CLIMATOLOGY BRANCH
 WAFB TAC
 AIR WEATHER SERVICE / MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

720650 STATION WYESS AFB TX STATION NAME 74-83 YEARS 1974-1975 MONTH ALL WEATHER

CLASS ALL WEATHER

HOURS (LST) 1200-1400

CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	3.3	5.4	6.6	1.2	.2						17.8	1.1
NNE	.8	1.8	1.7	1.9	.4	.1						1.5	5.8
NE	.5	.8	1.2	.5								2.2	7.1
ENE	.5	.3	.6									1.3	2.6
E	.7	1.2	.9									2.8	2.1
ESE	.6	.2	.6									1.4	4.5
SE	.4	.9	.7	.2	.1							2.4	7.1
SSE	.5	.3	1.7	.6								1.3	7.2
S	.8	2.2	3.6	5.4	1.2	.6						14.1	11.2
SSW	.4	.7	2.9	5.0	1.4							11.2	11.1
SW	.5	1.3	2.4	1.5	.6	.4						5.7	11.1
WSW	.2	.5	1.8	1.1	.8	.2						4.2	11.2
W	1.1	1.4	1.2	2.0	.7		.1	.2				3.7	11.2
WNW	.4	1.2	.6	1.1	.5	.1						2.8	4.5
NW	.2	.7	1.4	1.4		.2						1.2	1.1
NNW	.6	1.2	3.0	2.1	.1							3.3	9.1
VARBL													
CALM													
	9.1	19.3	30.7	29.3	7.2	1.9	.1	.2				111.1	

TOTAL NUMBER OF OBSERVATIONS 111

CLIMATE DIVISION
 METEOROLOGICAL SERVICE
 METEOROLOGICAL SERVICE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

STATION: STATION CYLES: APR 19 STATION NAME: 74-81 YEARS: 1950-1951 MONTH: 1950
 CLASS: ALL CONDITION: ALL

SPEED KNOTS MPH	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	71-75	76-80	81-85	86-90	91-95	96-100	MEAN WIND SPEED
N	.2	3.4	5.9	5.1	.2	.2															1.1
NNE	.2	2.1	2.4	2.1	.5																1.1
N-E	.7	.5	1.4	.5	.1																1.1
ENE	1.2	.5	.9	.5	.1																1.1
E	.8	.5	.7																		1.1
ESE	.5	.5	.5																		1.1
SE	.8	1.4	1.2	.5	.1																1.1
SSE	.1	.5	2.2	1.5	.4																1.1
S	.4	1.4	5.5	5.1	.5	.5															1.1
SSW	.1	1.5	4.1	2.2	.5	.1															1.1
SW	.5	.7	2.4	1.2	.1	.1															1.1
WSW	.1	.7	.6	1.3	.5	.5															1.1
W	.7	.5	1.5	2.6	.6	.1	.2														1.1
WNW		.5	.7	.7	.1	.1	.2														1.1
NW	.4	.5	1.1	2.1	.1	.1															1.1
NNW	.1	1.5	2.1	1.2	.1																1.1
VARBL																					1.1
CALM																					1.1
TOTAL	7.7	14.1	33.1	33.2	4.4	1.5															1.1

TOTAL NUMBER OF OBSERVATIONS

IF WINDS ARE OBSERVED IN THIS FORM ARE OBSERVED

T

NATIONAL CLIMATOLOGY BRANCH
AF TAC
METEOROLOGICAL SERVICE AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME WYERS AFB TX STATION NUMBER 74-03 YEARS 1951-1952 MONTH ALL MONTHS
CLASS ALL MONTHS HOURS (L.S.T.) 0000-2359
CONDITION

WIND DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.3	3.0	5.0	1.3	.4							19.4	3.7
NNE	.5	2.0	2.4	1.4	.6	.1						7.2	2.7
NE	1.1	1.7	2.4	.6	.1							4.4	2.2
ENE	.6	1.7	1.1	.1								3.4	2.4
E	1.1	.0	1.2									2.4	2.2
ESE	.1	1.2	.4	.2								2.1	2.2
SE	.5	.4	1.5	.4								2.1	7.2
SSE	.7	2.2	2.1	1.5								2.6	7.2
S	2.6	6.4	4.5	2.7	.5	.1						12.1	7.2
SSW	3.0	3.2	2.2	1.1	.2							3.7	2.2
SW	1.3	1.2	.2									2.7	4.2
WSW	.6	.4	.2	.5								1.3	2.2
W	.6	1.2	1.2	.5	.1	.1						2.1	1.8
WNW	.2	.7	.6	.6	.1							.5	2.2
NW	.4	.6	1.1	1.1	.4	.1						3.1	1.2
NNW	.7	.7	.7	.7								2.2	7.2
CALM												2.7	
	17.1	28.8	7.5	14.7	2.4	.5						10.0	

TOTAL NUMBER OF OBSERVATIONS 196

REMARKS: (SEE INSTRUCTIONS ON REVERSE OF THIS FORM)

U.S. AIR FORCE
 WIND CLIMATE DATA
 WIND CLIMATE DATA

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION: 74-100 YEARS: 1949-1950 MONTH: ALL
 CLASS: ALL HOURS (L & T): ALL
 CONDITION: ALL

WIND DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	MEAN WIND SPEED
N	1.4	1.8	3.3	1.9	.5	.1						1.8
NNE	1.1	1.4	1.5	1.9	.5	.2						1.8
NE	.6	1.3	1.4	.1								1.3
ENE	.2	1.1	.4									1.1
E	.7	1.1	.2	.1								1.1
ESE	.2	.5	.6	.1								1.1
SE	.4	.5	.7	.4								1.3
SSE	1.2	1.2	1.9	1.5	.1							1.3
S	4.2	4.8	4.7	5.0	.5	.5						4.4
SSW	2.1	4.7	2.0	1.9	.4							1.1
SW	1.1	2.1	.5	.2								1.1
WSW	.9	1.2	.6									1.1
W	.4	1.0	.6		.2							1.1
WNW	.4	.5	.2	.2	.4	.1						1.1
NW	.5	.5	1.4	1.2	.2							1.1
NNW	1.2	.7	1.4	.2	.1							1.3
VARBL												
CALM												14.7

TOTAL NUMBER OF OBSERVATIONS: 4

U.S. NAVAL CLIMATOLOGY BRANCH
 45 TAC
 1700 WEATHER SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 0555 APPLICABILITY 70-03 STATION NAME 70-03 YEARS 70-03 NORTH 70-03
 CLASS ALL WEATHER ALL ALL
 CONDITION ALL

SPEED KNTS. DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.2	4.7	4.1	.5	.1						1.06	3.2
NNE	.5	1.1	1.8	1.3	.7	.1						.65	2.7
NE	.5	.7	1.0	.3	.1							.42	2.7
ENE	.5	.7	.5	.1	.0							1.05	2.4
E	.7	.0	.6	.0								.21	1.1
ESE	.5	.7	.5	.0								1.05	2.7
SE	.5	.2	.8	.2	.0							.23	2.5
SSE	.7	1.5	1.7	1.0	.2	.0						1.22	7.0
S	1.3	3.3	4.0	4.1	1.1	.3	.0					1.02	2.2
SSW	1.5	2.5	3.2	3.7	.9	.1						11.2	2.3
SW	1.3	1.5	1.0	1.2	.2	.1						1.29	7.0
WSW	.6	.9	1.0	.8	.2	.1						.27	2.5
W	1.0	1.5	1.3	1.1	.4	.1	.0	.0				.29	2.5
WNW	.7	1.2	1.1	.6	.2	.1	.0					.29	7.9
NW	.7	.2	1.6	1.1	.1	.1						4.9	2.5
NNW	.5	1.0	1.2	.9	.1	.0						4.6	7.9
VARBL												11.1	
CALM													

TOTAL NUMBER OF OBSERVATIONS 4762

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

122265
STATION

DYESS AFB TX

STATION NAME

74-53

YEARS

MO
MONTH

ALL WEATHER
CLASS

1000-0000
HOURS (L & T)

CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.3	1.5	1.8	.5	.5						.00	1.00
NNE	.4	1.2	1.5	.8								.00	7.00
NE	.6	.9	1.3	.5								.03	5.50
ENE	.5	.9	.3									1.07	4.07
E	.4	1.2	.4		.1							.02	1.01
ESE	.9	1.2	.3									.05	5.04
SE	1.1	1.3	1.1	.8	.1							.03	6.00
SSE	1.1	3.2	2.6	3.4	1.6	.2						12.2	11.00
S	2.5	2.7	4.5	6.7	2.7	.3						18.4	11.00
SSW	1.7	1.2	1.8	3.8	.9	.1						7.1	9.7
SW	1.7	1.6	1.0	2.0								.03	7.5
WSW	.9	2.2	1.6	.9								.05	6.5
W	1.1	2.0	1.5	.9								.05	6.5
WNW	.6	.9	1.1	.2								.03	6.4
NW	.3	1.4	.8	.6								1.1	7.4
NNW	.3	.5	.9	.6	.3	.1						1.0	4.7
VARBL													
CALM												.06	
	14.7	23.5	42.9	22.7	6.2	1.3						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

330

LOCAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 700465, WYESS AFB TX STATION NAME 70-87 YEARS MONTH 7-10-55 HOURS (LST) ALL WEATHER CLASS CONDITION

SPEED KNTS. DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.3	2.6	1.2	.4	.5						1.1	1.04
NNE	.5	1.3	1.4	.5								4.1	7.4
NE	.4	1.4	1.1	.1								1.0	2.4
ENE	.2	.5	.2	.1								1.2	1.0
E	1.2	.5	.8	.2								1.0	1.5
ESE	.1	.0	.3									1.0	5.1
SE	.5	1.0	1.4	.5	.2							1.7	1.1
SSE	2.2	1.5	2.2	2.2	.4	.5						1.9	5.0
S	2.3	4.2	4.2	1.2	2.7	.5						21.2	1.07
SSW	1.1	2.2	2.7	2.8	.8							1.5	5.1
SW	.0	.5	1.2	1.4	.3							4.0	5.1
WSW	.4	.4	1.5	1.6								4.1	4.3
W	.5	1.8	2.5	1.6	.2							7.0	7.9
WNW	.3	1.2	1.3	.3	.2							1.4	7.5
NW	.5	1.5	.6	.1								1.0	5.0
NNW	.3	1.9	.8	.6								4.1	6.4
VARBL													
CALM												1.4	
	12.6	23.1	25.1	22.9	5.3	1.7						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 431

FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION LYESS AFB TX STATE TX NAME 74-83 YEARS 1944-1953 MONTH ALL
 CLASS ALL WEATHER HOURS (LST) 0000-2400
 CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	1.4	3.7	2.7	.3	.4						11.1	5.6
NNE	.4	.8	1.0	1.0								3.1	1.8
NE	.5	.4	1.2									2.2	1.6
ENE	.2	.5	.4	.1								1.3	1.2
E	.2	1.0		.1								1.6	1.0
ESE	.1	.6	1.0		.1							1.6	1.4
SE	.3	1.2	.9	.9								3.1	1.1
SSE	1.2	1.7	2.2	1.7	.8	.2						7.3	1.6
S	2.6	3.0	5.2	4.9	2.8	1.0						19.3	1.6
SSW	.6	1.6	2.2	4.1	.6	.1						8.2	1.7
SW	1.1	.9	1.6	1.8								5.4	1.4
WSW	.6	.9	1.6	1.0	.3	.1	.1					4.6	1.4
W	1.3	2.5	2.4	1.6	.3							8.1	1.8
WNW	.5	1.3	1.4	.6								4.5	1.1
NW	1.0	1.3	.8	.4								3.4	1.7
NNW	1.1	1.6	1.9	1.4								6.2	1.8
VARBL													
CALM												7.5	
	14.2	26.6	27.8	22.9	8.9	1.8	.1					100.0	1.2

TOTAL NUMBER OF OBSERVATIONS 530

CLIMATE CLIMATOLOGY BRANCH
 AFM/TAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION

WYESS AFB TX

STATION NAME

70-83

YEARS

MONTH

ALL WEATHER

CLASS

1900-1100
 HOURS (LST)

CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	2.7	4.5	5.4	1.3	.2						14.2	1.05
NNE	.5	1.0	1.7	1.2	.1							4.7	9.0
NE		1.2	1.4	.2								2.2	7.2
ENE	.2	.9	.6	.2								1.4	6.2
E	.3	.9	1.5	.3								2.2	7.2
ESE	.2	1.1	1.0	.3								2.2	1.6
SE	.4	1.1	1.5	.6								7.9	7.2
SSE	.2	.5	3.1	2.0	.4	.3						7.6	11.2
S	.2	1.3	3.9	6.2	3.3	1.0						15.9	13.4
SSW	.1	.5	3.0	5.6	2.2	.2						11.5	13.4
SW	.2	.5	.4	1.9	.9	.1						4.1	12.2
WSW	.5	1.0	1.0	1.4	.4	.1						4.4	9.5
W	.2	.5	1.4	2.8	.5	.9	.1					4.5	12.6
WNW	.1	.2	1.4	1.7	.4	.4						4.3	13.2
NW	.3	1.1	1.8	.9	.7							4.4	9.1
NNW	.3	1.1	1.8	2.0	.3							5.6	12.3
VARBL													
CALM												2.3	
	4.1	15.7	50.3	34.0	10.2	3.3	.1					100.0	1.05

TOTAL NUMBER OF OBSERVATIONS

530

CENTRAL CLIMATOLOGY BRANCH
 AFSS TAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

102565
 STATION

BYESS AFB TX

STATION NAME

74-83

YEARS

M. NORTH

ALL WEATHER
 CLASS

1000-1000
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥56	%	MEAN WIND SPEED
N	.5	.0	4.0	5.8	1.0	.4						1.1	11.0
NNE	.3	.0	2.0	1.5								4.7	9.1
NE	.8	1.1	1.5	.8								4.1	7.2
ENE	.2	.4	.3	.2								1.2	2.5
E	.9	1.4	1.2	.7								3.8	5.5
ESE		.2	.5	.3								1.6	7.1
SE	.3	.4	1.5	.6	.1							3.8	6.5
SSE	.2	1.1	1.6	4.7	.9	.1						5.2	12.0
S	.3	1.1	3.5	2.1	3.0	.5	.1					12.7	13.7
SSW		.2	2.5	4.7	1.9	.2						12.2	13.4
SW		.4	1.2	2.4	.1							4.1	11.3
WSW	.2	.2	1.6	2.0	.2	.3	.1					4.7	12.6
W	.5	.8	1.7	3.0	1.4	1.7	.1					8.5	13.7
WNW	.2	.6	1.7	1.1	1.0	.3						4.5	12.3
NW	.8	.3	1.2	.8	.1							3.2	6.4
NNW	.3	1.3	2.7	1.6	.3	.1						4.3	9.7
VARBL													
CALM												1.7	
	5.0	12.4	29.7	37.5	10.0	3.0	.3					15.2	11.2

TOTAL NUMBER OF OBSERVATIONS

57

U.S. AIR FORCE
CLIMATE BRANCH
AFM 74-100

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME LYONS AFB TX YEARS 74-82 MONTHS ALL
CLASS ALL WEATHER HOURS (LST) 1800-1700
CONDITION

SPEED KNTS Dir	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.2	3.2	5.7	.3	.2						16.5	11.2
NNE	.8	1.3	1.9	1.6	.3							5.9	8.2
NE	.3	.6	1.9	.8								3.7	5.1
ENE	.0	.8	1.2	.5	.1							2.4	7.1
E	.9	1.0	1.5									2.3	5.2
ESE	.4	1.1	1.0	.3								2.5	5.3
SE	.3	.2	1.4	1.9	.2							4.6	1.2
SSE	.3	.0	1.7	3.9	1.3	.1						3.2	1.2
S	.5	1.4	4.3	7.1	2.5	1.2						17.2	12.7
SSW		1.7	1.9	4.5	1.1	.1						5.9	11.2
SW	.3	.4	1.0	2.2	.9							4.7	1.2
WSW	.3	.5	.6	2.7	1.0	.2	.3					3.3	1.2
W	.1	.2	2.3	3.1	1.5	.4	.1	.1				2.2	1.3
WNW	.3	.1	.6	1.6	.5	.1						3.3	1.2
NW	.1	.1	1.3	1.0	.2	.2						2.9	11.2
NNW	.1	.8	2.0	2.0	.2	.1						5.2	1.2
VARBL													
CALM												1.2	
	5.5	12.7	28.0	36.9	10.1	2.7	.8	.1				16.5	11.1

TOTAL NUMBER OF OBSERVATIONS 53

U.S. AIR FORCE
CLIMATE BRANCH
METEOROLOGICAL SERVICE/4AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION NAME: WESS AFB TX STATION NUMBER: 74-87 YEARS: 1944-1945 ROUTE: 1
CLASS: ALL WEATHER HOURS: 1651
CONDITION:

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N	1.0	2.0	2.5	1.5	.3	.1						1.1
NNE	.5	1.4	1.3	2.4								1.6
NE	.5	1.3	1.2	.7								1.4
ENE	.8	1.2	1.2	.1								1.4
E	1.2	2.0	1.8	.1	.2							1.7
ESE	.0	1.7	.9	.1								1.7
SE	.6	1.4	2.8	.1	.4							1.8
SSE	.6	1.4	2.5	2.8	1.3	.1						1.8
S	1.6	3.5	4.5	5.2	1.2	.4	.1					2.7
SSW	1.0	3.1	1.6	1.6								1.7
SW	.9	2.3	1.2	.6								1.4
WSW	.4	1.3	1.4	1.1	.2		.1					1.4
W	.3	.2	1.1	4.7	.4	.1						1.1
WNW	.2	.6	.6	.3	.1	.1						1.1
NW	.3	.6	.4	.4	.2	.1						1.3
NNW	.2	.5	.5	.5	.1							1.3
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS: 1651

U.S. AIR FORCE CLIMATE CENTER
 1215 TIO
 1000 MATHER SERVICE ROAD

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NAME 74-52 YEARS 1950-1959 MONTH ALL MONTHS
 CLASS ALL MONTHS HOURS 1200-2400
 CONDITION 6

SPEED KNOTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.1	1.5	2.5	.1							2.7	9.7
NNE	.5	1.2	1.3	.8	.2							4.2	2.1
N	.2	1.1	2.0	.9								4.2	7.6
ENE	.8	.0	1.3	.1								3.3	5.2
E	1.0	1.2	.2	.1								2.4	4.9
ESE	1.1	1.0	1.5	.1								4.4	2.8
SE	.6	2.3	1.0	1.4	.2							2.6	6.1
SSE	1.4	1.3	2.2	3.9	1.0	.5						1.2	1.2
S	2.4	3.7	1.3	2.2	3.2	.1						1.7	1.6
SSW	2.7	2.0	3.0	1.0	.4							1.6	7.2
SW	1.7	2.0	1.1	.4								1.2	5.1
WSW	1.0	1.2	1.8	.6	.1							4.7	7.3
W	.3	1.1	.6	.1	.1							2.3	6.6
WNW	.2	.3	.2	.8	.2	.1						1.5	1.4
NW	.2	.2	.2	.4	.1							1.7	7.8
NNW	.4	.9	.5	1.3	.2							2.3	9.4
VARBL													
CALM												11.0	
	15.2	24.6	21.8	21.0	5.7	.8						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 430

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

6-25-67
STATION

LYESS AFB IX

ACKNOWLEDGMENTS

74-2

YEARS



ALL WATERS
CLASS

6.1
HOURS: L B 7

CONCLUSION

[illegible]

TOTAL NUMBER OF OBSERVATIONS

U.S. CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME LYONS AFB TX STATION NAME 74-50 YEAR 1950 MONTH 1
 CLASS ALL WEATHER HOURS 1-24
 CONDITION

SPED KNT DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.2	1.3	1.1								1.1	1.1
NNE	.1	.1	.3	1.2	.2	.2						1.1	1.1
NF	.7	.1	1.2	.4								.7	1.1
ENE	.2	.1	.5	.2								.2	1.1
E	.2	.2	.2	.1	.1							.2	1.1
ESE	.7	.3	1.1	.3								.7	1.1
SE	.7	.3	1.1	1.1								.7	1.1
SSE	1.3	1.1	2.3	1.1	1.3	.1	.1					1.1	1.1
S	2.7	3.4	2.2	7.2	2.2	1.2						2.2	1.1
SSW	2.3	2.0	2.4	2.8	.3							1.4	1.1
SW	1.5	1.1	.6	.7	.1	.7						.4	1.1
WSW	.3	.1	.6	.2								.3	1.1
W	.7	1.7	.9	.4	.1							.7	1.1
WNW	.6	.7	1.2									.7	1.1
NW	.4	.2	.4	.2	.1							.4	1.1
NNW	.1	.3	.2	.7								.1	1.1
VARBL													
CALM												11.0	
14.3 16.2 14.3 21.7 5.1 1.2 .1 .1 .1 .1 .1 .1 .1 .1													

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE WEATHER SERVICE, WASHINGTON, D.C.

HYDROLOGICAL DATA
 STATION
 DATE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION _____ CYCLES AND IN _____ YEARS _____ MONTH _____
 CLASS _____
 CONDITION _____
 HOURS (L.B.T.) _____

WIND DIRECTION	1-3	4-6	7-9	10-12	13-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	1.2	1.7	.6	.2								1.1	1.1
NNE	.2	.4	1.1	.5	.7								1.1	1.1
NE	.2	.4	.7	.2	.1								1.1	1.1
ENE	.6	.4											1.1	1.1
E	.7	.2	.1	.2									1.1	1.1
ESE	.2	.3	.4	.1									1.1	1.1
SE	.7	.6	1.3	.4	.1								1.4	1.1
SSE	1.1	2.7	1.8	2.9	.4				1				1.1	1.1
S	1.2	3	1.8	1.8	2.0	1.2							1.1	1.1
SSW	1.1	1.9	2.9	2.3	.4								1.1	1.1
SW	1.3	1.3	1.3	.6		.2							1.1	1.1
WSW	.3	.2	.6	.2	.1								1.1	1.1
W	1.1	.7	1.3	.3	.2								1.1	1.1
WNW	.4	1.2	1.4	.1	.1								1.4	1.1
NW	.2	1.3	.7										1.1	1.1
NNW	.6	1.1	.7	.4									1.1	1.1
CALM													1.4	
TOTAL	11.6	21.3	27.0	14.6	4.4	1.2							100.0	1.1

TOTAL NUMBER OF OBSERVATIONS

STATION NAME AND LOCATION OF THE STATION ARE BY THE

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SECRET
DATE 10/10/78

STATION	DATE	TIME	74-ES	YEARS	MONTH
STATION	DATE	TIME	ALL	CLASS	HOUSE
CONDITION					

[illegible]

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE
 CLIMATE DIVISION
 WASHINGTON, D.C.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

STATION NAME WHEELS AFB TX YEARS 79-83 MONTH ALL
 CLASS OTHER HOURS (L & T) 00-14
 CONDITION _____

SPEED KNOTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.1	3.6	3.2	.7	.6						1.3	11.5
NNE	.1	.1	2.1	1.6	.3							1.7	1.1
NE	.3	.3	.9	1.1								.2	1.1
ENE	.7	.6	.1	.2	.1							1.7	1.1
E	.8	.7	.3	.2								.1	1.1
ESE	.3	.7	.1	.6	.1							.4	1.1
SE	.2	.7	1.7	1.2	.2	.1						4.4	7.2
SSE	.4	.4	3.2	4.8	.9	.1						3.9	11.7
S	.4	.1	3.3	11.3	2.4	.6						1.4	1.1
SSW	.3	.7	1.2	5.1	1.7							1.1	1.1
SW	.3	.3	1.7	2.2	.4							.6	1.1
WSW	.2	.4	1.2	1.7	.1	.1						1.1	1.1
W	.2	1.1	2.2	1.4	.3	.2						1.4	1.1
WNW	.2	.6	.9	1.1	.3	.1						1.1	1.1
NW	.3	.1	.9	1.1	.1							.1	1.1
NNW	.1	1.4	1.7	1.6	.2	.1						1.1	1.1
VARBL													
CALM												1.7	
	.2	13.7	33.6	33.7	8.0	2.7	.1					1.1	

TOTAL NUMBER OF OBSERVATIONS 20

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION

YE'Y AF: TY

5'-TGG-3'

74-13

SEABO

2012

ALL MAILED

1-2-14
NOV 11 1963

CONCLUSION

SPEED KNT. D.R.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.6	4.3	5.4	.7	.2						11.3	1.0
NNE	.2	.3	1.8	1.9	.1	.2						4.7	1.4
NE	.2	.6	1.1	1.2	.1							.2	5.7
ENE	.1	.4	.7	1.1								.3	4.4
E	.3	.7	.3	.3	.1							1.6	7.5
ESE	.7	1.2	.7	.2								.2	2.7
SE	.2	.7	1.4	1.6	.2							1.2	2.2
SSE	.3	1.4	2.5	4.2	.7	.1	.1					5.2	11.2
S	.4	.3	5.9	11.4	3.9	.2	.1					12.3	13.0
SSW	.2	1.0	2.1	4.2	.6	.1						2.2	11.2
SW	.2	1.1	2.2	1.6	.6	.1	.1					2.6	10.4
WSW	.1	.9	.8	1.3		.1	.2					1.4	13.2
W	.2	1.0	1.9	2.2	1.1	.3	.1					7.1	12.1
WNW	.4	.9	1.2	1.4	.2							1.7	10.1
NW		.7	1.3	.9	.2							.1	12.6
NNW		.7	1.1	1.4	.1	.1	.1					3.1	11.3
VARBL													
CALM												.7	
	1.7	1.7	1.1	3.2	8.8	1.9	.8					12.2	11.0

TOTAL NUMBER OF OBSERVATIONS

NOTES: 1. ALL SOLUTIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFM 7-10.1
 AIR WEATHER SERVICE / MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 22201 YEARS AFB IX 74-83 YEARS APC
 STATION NAME ALL WEATHER CLASS 1000-1700
 CONDITION NOON (LST)

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.3	2.4	1.0	.6							2.6	1.00
NNE	.2	.5	2.1	1.7	.3							4.2	1.03
NE		.7	2.1	1.2	.3							4.2	1.08
ENE	.6	.7	1.3	.2	.1	.1						2.8	1.07
E	.3	.6	1.7	1.1								3.7	1.07
ESE	.4	.3	.4	.6								1.2	1.04
S	.2	1.3	2.2	1.8	.3							5.9	1.07
SSE		.7	4.4	6.9	1.9	.3						14.4	1.20
S	.4	1.0	6.9	10.9	2.6	.1						20.7	1.20
SSW	.5	.2	1.7	2.1	.4							6.2	1.03
SW	.3	1.2	1.1	1.7	.6							4.3	1.00
WSW		.4	1.2	1.6	.2							3.4	1.14
W	.1	.7	1.0	2.7	.8	.4						5.2	1.30
WNW	.4	.1	.4	1.4	.7							3.1	1.07
NW	.2	.5	1.7	1.1	.1							3.4	1.00
NNW	.1	.7	2.3	1.3	.1	.2						4.3	1.00
VARBL													
CALM												1.1	
	4.4	11.6	33.3	34.3	9.0	.2	.3					100	1.1

TOTAL NUMBER OF OBSERVATIONS 501

CLIMATE BRANCH
AF/TAC
WEATHER SERVICE/SAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME WYESS AFB TX YEAR 74-82 NORTH 31
CLASS ALL WEATHER HOUSE 100
CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	1.2	3.1	2.8	.4							5.8	2.0
NNE	.2	.5	2.3	2.6	.6							2.1	1.0
NE	1.0	1.2	1.9	1.1								2.2	7.1
ENE	.9	1.6	1.3	.1								3.9	4.0
E	.7	1.7	1.6	.4								4.3	5.6
ESE	.3	1.6	1.3	.8								4.1	7.1
SE	.3	1.8	4.1	2.9	.2	.1						5.5	5.6
SSE	.6	1.6	5.4	8.6	1.7	.2						12.2	11.6
S	1.4	3.1	5.2	5.3	1.3	.3						17.4	5.6
SSW	1.6	.7	.3	.8	.1							2.4	5.4
SW	.8	1.6	.4	.2	.3							2.1	5.4
WSW	1.2	1.2	.9	.1								2.1	5.4
W	.3	.7	.9	1.1	.1	.1	.2					2.4	1.0
WNW	.1	.3	.7	1.2	.1							2.4	1.0
NW	.2	.1	.6	.6	.1							1.5	1.0
NNW	.2	.4	.6	.2								2.0	5.2
VARBL													
CALM													
	11.0	25.0	31.3	28.9	5.0	.8	.2					100.0	

TOTAL NUMBER OF OBSERVATIONS

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

122-65 STATION NAME MYESS AFB IX 74-83 YEARS AD
STATION AD NORTH
CLASS ALL WEATHER HOURS (L S Y) 100-2400
CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.2	.9	2.1	.3	.1						1.2	1.03
NNE	.7	.7	.3	1.7	.2	.2						.6	1.06
NE	1.7	1.2	1.5	.8	.1							.6	1.07
ENE	.7	1.3	.8	.3								.3	1.01
E	1.4	1.1	.9	.3								.3	1.03
ESE	.9	1.6	1.1	1.0								.4	1.04
SE	1.0	2.7	1.7	1.1	.1							.6	1.09
SSE	.7	2.9	4.8	3.3	1.4	.4						1.6	1.11
S	2.9	4.0	6.4	5.9	1.8	.1	.1					2.1	1.05
SSW	2.9	1.8	.7	1.2	.2							.6	1.04
SW	1.0	1.0	.2			.3						.1	1.04
WSW	.3	1.3	.3	.1								.1	1.06
W	.4	1.1	.7									.2	1.09
WNW	.1	.3	1.3	.6								.3	1.07
NW	.2	.3	.1									.1	1.01
NNW	.7	.6	.8	.1								.1	1.01
VARBL													
CALM												.7	
	16.3	23.1	22.7	23.7	4.2	1.2	.1					100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 920

U.S. AIR FORCE
 AIR FORCE
 AIR FORCE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NAME: EYESS AFB TX STATION NUMBER: 74-83 YEARS: 1961-1962
 CLASS: ALL WEATHER CONDITION: ALL
 MONTH: ALL HOURS (L & T): ALL

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N	.7	1.4	2.5	2.3	.4	.1						7.4
NNE	.3	.6	1.5	1.5	.4	.1						4.4
NE	.5	.7	1.3	.8	.1							2.4
ENE	.4	.7	.6	.4	.0	.1						2.3
E	.7	.5	.3	.4	.0							2.0
ESE	.6	.9	.8	.5	.0							2.7
SE	.6	1.2	1.2	1.4	.2	.0						1.0
SSE	.7	1.6	4.2	5.7	1.1	.2	.1	.2				11.6
S	1.5	3.4	6.2	8.4	2.3	.6	.0					23.1
SSW	1.3	1.4	2.2	2.7	.5	.2						6.2
SW	.9	1.2	1.1	1.1	.3	.1	.0					4.7
WSW	.4	.7	.9	.7	.1	.0	.0					2.2
W	.5	1.1	1.3	1.1	.3	.2	.0					4.0
WNW	.4	.7	1.1	.8	.2	.2						3.1
NW	.3	.6	.8	.6	.1	.1	.0					2.3
NNW	.3	.8	1.2	1.0	.1	.1	.0					3.4
VARBL												
CALM												
	10.1	17.9	29.0	29.3	6.7	1.4	.2	.0				1.5

TOTAL NUMBER OF OBSERVATIONS: 7200

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 225855 UYESS AFB TX STATION NAME 74-23 YEARS 44
ALL WEATHER CLASS 000-200
 CONDITION HOURLY (L.S.T.)

SPEED KNTS. DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥56	%	MEAN WIND SPEED
N	1.4	1.1	1.5	.8	.1							4.0	6.5
NNE	.5	.6	1.0	.4								2.6	7.2
NE	.3	.5	1.4	.4								2.7	7.2
ENE	1.0	.6		.1								1.7	4.2
E	1.2	1.6	.4	.1								3.3	4.0
ESE	.4	1.1	.2	.6								2.9	7.2
SE	1.2	1.5	2.7	1.1								6.5	7.3
SSE	2.0	3.9	5.3	5.1	.5	.1						16.4	6.6
S	1.1	4.1	7.5	10.3	1.8	.2						27.0	10.1
SSW	1.3	1.0	2.6	1.9	.1	.1						7.2	6.0
SW	1.7	1.2	.8	.3								4.0	5.1
WSW	.5	.3	.5		.1							1.5	6.3
W	.5	.9	.3									1.7	4.3
WNW	.5	.3		.1								1.4	4.1
NW	.6	.6	.3									1.6	4.5
NNW	.3	.9	.3									1.5	6.4
VARBL													
CALM												11.9	
	16.8	20.5	25.4	21.3	2.7	.8						17.0	7.0

TOTAL NUMBER OF OBSERVATIONS 630

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/4AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

722665 STATION DYERS AFB TX 74-11 MAY NORTH
CLASS ALL WEATHER
CONDITION

SPEED KNTS DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.7	1.8	.3	.1							4.6	7.8
NNE	.4	.8	.8	.3								2.3	7.2
NE	.5	.3	.4	.3								1.7	6.5
ENE	.5	1.0		.2								1.7	5.2
E	.9	1.2	.6	.2								2.2	5.6
ESE	.4	1.5	.8	.6								3.2	7.1
SE	.2	1.2	2.0	.9								4.5	6.7
SSE	2.7	3.8	5.6	2.5	.2							14.7	7.4
S	4.4	6.1	6.6	6.3	1.2	.1						24.7	6.2
SSW	1.8	1.9	3.8	2.4	.2							9.4	5.7
SW	1.5	.8	1.7	.2								4.2	5.7
WSW	.5	.4	.2									1.2	4.9
W	.8	1.3	.1									2.2	4.1
WNW	1.5	.5	.2	.1								2.4	3.9
NW	1.0	1.3	.8									3.2	4.0
NNW	.6	1.1	.6	.1								2.5	4.8
VARBL													
CALM												14.6	
	19.4	24.2	25.3	14.1	1.7	.1						100.0	

TOTAL NUMBER OF OBSERVATIONS 532

CLIMATE CLIMATOLOGY BRANCH
 USAF-TAC
 METEOROLOGICAL SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

722665
 STATION

LYESS AFB IX

STATION NAME

74-83

YEARS

NAVY

NOVA

ALL WEATHER
 CLASS

NOVA
 NOVA

CONDITION

SPEED KNTS. DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N	1.0	2.5	3.0	1.5								
NNE	.2	.5	.3	.3								
NE	.3	.3	.1	.1								
ENE	.6	.6	.6	.1								
E	.5	.3	.4	.3	.1							
ESE	1.1	1.5	.9	.2								
SE	1.0	2.4	1.8	1.0	.2							
SSE	2.3	3.1	5.4	2.3	.2							
S	2.4	4.5	6.8	6.5	1.2	.1						
SSW	1.2	2.3	3.4	2.6	.4							
SW	.6	.6	.9	1.1								
WSW	.5	.6	.6	.3								
W	1.4	1.3	.3									
WNW	1.3	1.3	.9	.1								
NW	.9	1.6	1.5	.1								
NNW	.5	.5	1.3	.3								
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

U.S. CLIMATOLOGY BRANCH
WASH. D.C.
WEATHER SERVICE/PAO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION NAME WYESS AFB TX YEARS 74-87 MONTH ALL MONTHS
CLASS ALL WEATHER
CONDITION

SPEED KNT. DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.5	4.7	3.1	.1							1.4	2.5
NNE	.5	.4	1.6	.8								.5	1.1
NE	1.2	1.2	.9	.5								.5	1.1
ENE	.4	.7	.6	.1								.2	1.1
E	.1	.5	.9	.2								.3	1.1
ESE	.1	.7	1.2	.3								.2	1.1
SE	.1	1.1	2.2	.9	.1							.4	1.4
SSE	.4	1.5	5.4	4.3	.4							1.2	1.4
S	.3	1.2	10.1	9.0	1.5	.2						2.4	1.4
SSW	.4	1.1	5.4	4.3	1.4	.2						1.2	1.4
SW	.5	1.1	1.3	1.4	.2							.4	1.1
WSW	.3	.9	1.5	.2								.2	1.1
W	.5	.4	.6	.5								.3	1.1
WNW	.2	.2	.5	.4								.2	1.1
NW	.1	.5	1.2	.3								.4	1.1
NNW	.1	1.1	1.9	.8								.4	1.1
VARIABLE													
CALM													
TOTAL	1.7	16.3	40.5	27.0	3.0	.4						10.3	2.5

TOTAL NUMBER OF OBSERVATIONS

CENTRAL CLIMATOLOGY BRANCH
AT TAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

122600
STATION

SYESS AFB TX

STATION NAME

74-83

YEARS

V. 100
MILES

ALL TRAINED
CLASS

1000-10
HOURS (LST)

CONDITION

SPEED KNTS DIR	1-2	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	2.2	4.1	1.1	.1							.8	1.1
NNE	.5	1.2	2.5	.2								.4	1.1
NE	.5	.4	2.8	.4								.4	1.1
NNE	.5	1.1	.6	.7	.2							.2	1.1
E	.1	1.2	1.3	.1								.1	1.1
ESE	.2	.2	.8	.2								.1	1.1
SE	.1	1.4	3.3	1.8	.1							.7	1.1
SSE	.2	1.9	5.6	5.2	.5	.1						1.1	1.1
S	.6	2.2	10.9	2.1	1.2	.1						2.4	1.1
SSW	.6	.1	4.1	3.2	.2							.7	1.1
SW	.4	1.2	1.4	1.2	.3							.4	1.1
WSW	.6	.6	1.1	.6								.1	1.1
W	.1	.1	.9	.4								.1	1.1
WNW	.5	.9	1.1	.2								.1	1.1
NW	.4	.8	.6									.1	1.1
NNW	.2	.4	1.7	1.1	.1							.2	1.1
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

APPROX. 1000 HOURS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. CLIMATE BUREAU
 WASHINGTON
 METEOROLOGICAL SERVICE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

STATION NAME LYRIC AFB TX YEARS 70-71 MONTH ALL
 CLASS ALL HOURS ALL
 LOCATION

SPEED KNOTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	N	MEAN WIND SPEED
N	.2	1.7	1.4	1.8	.1							1.0	1.0
NNE	.3	1.1	1.2	.5	.4	.1						1.0	1.0
NE	.3	1.0	2.6	.5	.1							1.4	1.1
ENE	.3	.6	1.0	.2	.2							1.0	1.0
E	.2	1.2	1.6	1.1								1.0	1.0
ESE	.2	1.1	1.0	1.1								1.0	1.0
SE	.4	1.2	3.4	1.8	1.2							1.0	1.0
SSE	.3	1.3	3.2	3.8	.9							1.1	1.1
S	.1	2.3	3.9	3.9	1.3	.2						1.1	1.1
SSW		1.4	3.4	1.5	.2							1.0	1.0
SW	.1	.1	1.3	1.4								1.0	1.0
WSW	.2	1.1	1.1	.9								1.0	1.0
W	.4	.4	.9	.2								1.0	1.0
WNW	.1	.3	.2	.2								1.0	1.0
NW	.2	.0	1.2	.2								1.0	1.0
NNW	.4	1.1	1.3	.5	.1							1.0	1.0
VARBL													
A.M.													

TOTAL NUMBER OF OBSERVATIONS

WIND DIRECTION AND SPEED OBSERVED AT THE STATION DURING THE MONTH OF JULY

STATION NAME
 DATE
 TIME

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

STATION NAME: _____ DATE: _____ TIME: _____
 CLASS: _____
 CONDITION: _____

WIND DIR		1-5	6-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N		.4	1.6	2.6	.8	.1	.1					1.4	1.1
NNE		.4	1.6	1.4	1.2							1.4	1.3
NF		.2	1.5	2.7	.4							1.7	1.2
ENE		1.2	2.1	1.2	.7							1.4	1.1
E		1.2	2.2	2.2	.5							1.4	1.1
ESE		.6	1.7	1.2	.8	.1						1.7	1.4
SE		.4	1.6	5.4	5.4	1.5	.2					1.4	1.8
SSE		.3	1.1	6.6	2.2	1.5						1.4	1.8
S		.3	2.6	4.9	7.9	1.2	.3					1.1	1.8
SSW		.4	1.2	.9	.6	.1						1.4	1.2
SW		.4	1.1	.8	.1	.1						1.4	1.2
WSW		.3	.4	.2	.1							1.1	1.1
W		.1	.3	.1								1.1	1.1
WNW		.2	.5	.1		.1						1.1	1.1
NW		.2	.2	.4	.3							1.1	1.1
NNW		.4	1.1	.8	.2							1.1	1.1
VARBL													
CALM													
		1.7	2.1	5.6	17.0	4.1	.6						

TOTAL NUMBER OF OBSERVATIONS

427

ALL DATA ARE FROM 1951 TO 1955. ALL DATA ARE FROM 1951 TO 1955.

ALBUQUERQUE AIRPORT
 1951-1952

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: ALBUQUERQUE AIRPORT
 DATE: 7-1-52
 CLASS: ALL
 MONTH: JULY
 CONDITION: CLEAR

DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	N	MEAN WIND SPEED
N	1.1	1.2	1.1	1.0	1.2							1.1	1.1
NNE	1.1	1.0	1.0	1.0								1.1	1.1
NW	1.0	1.1	1.0	1.1								1.1	1.1
ENE	1.1		1.1	1.1								1.1	1.1
E	1.1	1.1	1.1	1.1								1.1	1.1
ESE	1.1	1.1	1.1	1.1								1.1	1.1
SE	1.1	1.1	1.1	1.1								1.1	1.1
SSE	1.1	1.1	1.1	1.1	1.1	1.1						1.1	1.1
S	1.1	1.1	1.1	1.1	1.1	1.1	1.1					1.1	1.1
SSW	1.1	1.1	1.1	1.1	1.1	1.1	1.1					1.1	1.1
SW	1.1	1.1	1.1	1.1	1.1	1.1	1.1					1.1	1.1
WSW	1.1	1.1	1.1	1.1	1.1	1.1	1.1					1.1	1.1
W	1.1	1.1	1.1	1.1	1.1	1.1	1.1					1.1	1.1
WNW	1.1	1.1	1.1	1.1	1.1	1.1	1.1					1.1	1.1
NW	1.1	1.1	1.1	1.1	1.1	1.1	1.1					1.1	1.1
NNW	1.1	1.1	1.1	1.1	1.1	1.1	1.1					1.1	1.1
ALL	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

TOTAL NUMBER OF OBSERVATIONS

U.S. CLIMATE DIVISION

STATION

WATER SERVICE

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION

CYCLE AND IX

DATE

74-13

YEARS

MONTH

ALL STATIONS
CLASS

HOURLY

CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N	.0	1.7	2.6	1.5	.1	.2						.0	
NNE	.0	.0	1.3	.5	.1	.2						.4	
NE	.5	.0	1.5	.4	.1	.2						.5	
ENE	.0	1.1	.1	.1	.1							.0	
E	.0	1.1	1.1	.4	.1							.7	
ESE	.0	1.1	1.3	.4	.2							.0	
SE	.0	1.3	3.1	2.2	.1							.0	
SSE	1.1	2.7	5.6	4.4	.7	.2						1.0	
S	2.1	3.5	7.4	1.4	1.2	.2						.0	1.0
SSW	.0	1.2	2.9	2.1	.4	.2						1.7	
SW	.0	.0	1.1	.7	.1							.0	
WSW	.4	.0	.0	.3	.0							1.0	
W	.0	.0	.4	.2								.0	
WNW	.0	.7	.5	.2	.0							.0	.0
NW	.0	.4	.3	.1								.3	
NNW	.4	.7	1.0	.4	.2							.7	
VAERL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

U.S. CLIMATE DIVISION

U.S. DEPARTMENT OF COMMERCE
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
 OFFICE OF NAUTICAL SERVICES

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

STATION NAME LYNN AFB TX STATION NUMBER 72-02 YEARS 1951 MONTH 11
 CLASS ALL WEATHER HOURS 187
 CONDITION

SPEED KNOTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.1	.2	.1								.2	.1
NNE	.2	.7	.2	.3								.3	.1
NE	.3	.7	.9	.4								.3	.1
ENE	.7	.3										.2	.1
E	.6	.3	.9	.2								.2	.1
ESE	1.1	1.2	.2	.1								.7	.1
SE	.3	2.0	1.4	.2								.3	.1
SSE	1.3	1.1	6.2	1.7	.3	.2						1.3	.1
S	3.7	9.9	12.3	12.6	.2							2.1	.1
SSW	1.3	1.3	3.1	2.2								.7	.1
SW	1.4	.4	.4	.4								.3	.1
WSW	.6	.1	.1	.1								.3	.1
W	.7	.7	.7	.1								.4	.1
WWW	.2	.6	.3									.1	.1
NW	.1		.1	.1	.1							.3	.1
NNW	.4	.1	.1	.1								.2	.1
VARBL													
A.M.												11.2	
	13.2	4.2	9.5	15.4	1.2	.2						11.2	

TOTAL NUMBER OF OBSERVATIONS 187

NATIONAL CLIMATOLOGY BRANCH
 5010 TAC
 METEOROLOGICAL SERVICE / MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

STATION _____ YEARS 1973-82 MONTH _____
 NAME _____ CLASS ALL WEATHER HOURS (L & Y) 720-000
 CONDITION _____

WIND DIR	4 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.1	1.2	.2						.2	0.5
NNE	.5	.8	.6							.1	1.1
NE	.6	.7	.7	.1						.2	1.1
ENE	.4		.4							.2	.7
E	.2	.4	.4							.1	1.7
ESE	.2	1.2	.3							.1	4.7
SE	.2	1.1	.2	.1						.3	.4
SSE	1.4	3.2	4.3	1.2	.2	.1				1.3	1.1
S	5.7	8.9	14.2	8.4	1.6	.2				5.1	6.4
SSW	2.1	3.7	2.3	1.6						1.7	6.5
SW	1.2	1.1	1.3	.6						.4	6.1
WSW	.6	.1	.2							.1	1.1
W	.2	.1	.1							.2	.5
WNW	.1	.3	.1	.1	.1					.2	1.1
NW	.2	.2	.1							.1	1.2
NNW	.4	.3	.6							.1	3.4
VARBL											
CALM										1.2	
	10.3	23.0	28.9	12.7	2.0	.7				12.5	6.1

TOTAL NUMBER OF OBSERVATIONS 720

U.S. NAVAL CLIMATOLOGY BRANCH
 1650 TAC
 1650 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION YEIS AF, TX STATION NAME 75-21 YEARS 1950-1959
 CLASS ALL WEATHER HOURS ALL DAY
 CONDITION

SPEED KNTS. DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	MEAN WIND SPEED
N	.6	1.4	1.4	.7								3.0
NNE	.3	.6	.7	.1	.1							1.5
NE	.2	.7	.2									1.1
ENE	.8	.7	.3									1.8
E	.7	.2	.2	.1								1.5
ESE	1.2	.8	.2									1.2
SE	1.7	2.2	.7	.6								4.4
SSE	2.5	3.3	3.4	1.8	.3							11.5
S	3.5	6.9	12.2	18.5	1.1							23.2
SSW	2.1	2.2	6.3	2.2	.4							18.1
SW	.3	1.7	1.5	1.1								5.3
WSW	.8	.3	.6									2.1
W	.3	.5	.2	.1								1.7
WNW	.4	.2	.4									1.1
NW	.3	.2	.3	.1								1.4
NNW	.3	.1	.3		.1							1.1
VARBL												
CALM												11.4
	1.3	24.1	29.4	16.6	2.1							15.7

TOTAL NUMBER OF OBSERVATIONS 100

NOTE: ALL FORMS OF THIS TYPE ARE OBSOLETE

LOCAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME LYESS AFB TX YEARS 72-82 MONTH 10
 CLASS ALL WEATHER HOURS (L & T) 900-1100
 CONDITION _____

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.4	1.3	.4								4.2	0.4
NNE	.4	1.1	.3	.2								2.4	0.2
NE	.3	1.0	1.0	.1								2.4	0.2
ENE	.4	1.2	.8	.1								2.4	0.2
E	.8	1.7	.9	.1								2.4	0.2
ESE	1.1	.8	.8	.1								2.4	0.2
SE	.7	1.2	1.2	.2								3.1	0.2
SSE	1.0	3.6	2.3	1.1	.7	.1						3.4	2.6
S	.7	3.8	11.2	14.8	1.7	.1						12.2	10.9
SSW	.3	1.2	7.3	9.7	.7							1.3	1.0
SW	.3	1.3	4.1	2.8	.1							4.3	0.2
WSW	.7	.9	1.1									2.6	0.4
W	.3	.7	.4									1.7	0.3
WNW	.2	.4	.3									1.0	0.2
NW	.1	.6	.4									1.1	0.1
NNW	.3	.7	.9	.1								2.0	0.2
VARBL													
CALM												1.3	0.0
	4.7	22.1	34.9	25.4	2.8	.2						100.0	0.6

TOTAL NUMBER OF OBSERVATIONS

CLIMATE CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 222605 DYESS AFB TX STATION NAME 77-62 YEARS 1977-1980 MONTH ALL MONTHS
 CLASS ALL WEATHER HOURS (LST) 1000-1400
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.3	1.3	.6								4.1	6.7
NNE	.3	2.0	.7	.6								3.6	6.8
NE	.4	1.6	1.2	.9	.2							4.8	7.3
ENE	.8	1.4	1.4	.1								2.8	6.1
E	1.0	1.8	.9	.2								3.1	6.0
ESE	.4	1.2	1.6	.1	.1							4.1	6.7
SE	.8	1.8	2.7	.6								5.6	8.4
SSE	.7	3.0	4.1	3.3	.3		.2					11.7	9.4
S	.9	4.3	12.9	14.6	.3		.1					23.1	12.7
SSW	.6	1.4	5.6	5.3	.1							12.2	10.0
SW	.6	.3	2.6	1.6	.3							5.3	4.9
WSW	.1	.4	.3		.1							1.2	2.4
W	.2	.4	.1									.8	4.4
WNW	.2	.2	.4									.9	5.0
NW	.3	.1	.1	.1								.7	6.2
NNW	.7	1.0	.1									1.2	4.3
VARBL													
CALM												1.4	
	8.9	23.4	36.6	27.4	1.6		.3					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 800

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

104605 STATION 104605 DYESS AFB TX STATION NAME 73-57 YEARS MONTH 10-10-1970
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.0	1.4	.7								.4	2.4
NNE	.2	1.1	2.0	.7								.4	2.3
NE	.4	1.0	1.0	.4								.2	1.0
ENE	.6	1.1	2.2	.9								.4	1.7
E	.6	1.9	1.1	.7								.4	1.0
ESE	.5	1.7	1.4	.4								.4	1.0
SE	.4	1.9	3.7	1.3								.7	1.1
SSE	1.1	2.0	6.6	6.4	.6	.2	.1					1.0	1.2
S	.7	4.6	12.0	10.7	1.1							3.0	1.5
SSW	.6	.7	3.6	2.6								.7	4.7
SW	.1	.9	.9	.7	.4							.3	9.9
WSW		.2	.3	.2								.1	1.5
W	.1	.2	.1	.1								.0	1.6
WNW	.3	.1	.1	.1								.7	1.0
NW	.3	.1	.1									.1	4.2
NNW	.5	.4		.1								1.1	5.0
VARBL													
CALM												1.0	
	7.6	10.4	36.8	32.0	7.1	.2	.1					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 620

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

722665 STATION 0YESS AFB TX STATION NAME 73-82 YEARS 1973-1974
ALL WEATHER CLASS 1817-2000 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.6	1.3	.2								3.2	6.6
NNE	.6	.8	1.1	.2								2.7	7.1
NE	.4	1.2	.9	.6								3.1	7.1
ENE	.2	1.4	1.2	.3								3.2	6.7
E	1.1	3.3	2.1	.7								7.2	6.2
ESE	1.0	2.6	2.3	.6	.1							6.6	6.8
SE	.9	2.4	5.6	2.4	.3							11.7	6.3
SSE	.7	5.0	9.7	6.6	.7	.4						23.3	9.7
S	1.3	5.3	13.0	10.3	.4							30.9	9.4
SSW	.7	1.1	1.4	.4								3.7	6.8
SW	.1	.1	.9									1.1	7.4
WSW		.2		.1	.1							.4	10.3
W		.2		.1								.3	7.3
WNW	.2	.1										.3	2.7
NW		.2		.1								.2	6.7
NNW	.1	.1	.1	.1								.4	7.3
VARBL													
CALM												.1	
	8.4	25.0	39.6	22.8	1.7	.4						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 220

SIGNAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722665 STATION LYESS AFB TX STATION NAME 7-82 YEARS 10 MONTH 100-2500
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.6	.8	.2								1.0	0.4
NNE	.2	.6	.4	.4								1.7	7.4
NE	.2	.2	.8	.3								1.0	0.7
ENE	.7	1.1	.1	.6								2.4	0.7
E	2.1	1.2	1.1									4.4	4.7
ESE	1.7	2.2	2.2									6.1	0.5
SE	.7	4.0	3.6	.6								1.3	6.6
SSE	2.1	5.9	9.3	4.9	.6	.2						22.2	0.4
S	4.2	9.3	11.4	7.7	.2							32.3	0.1
SSW	1.2	1.2	1.3	.4								4.7	5.0
SW	.3	.2	.3	.3								1.2	7.3
WSW	.4	.2	.1			.1						.3	6.6
W	.1			.1	.1		.1					.8	17.0
WNW		.1	.1		.1							.3	11.7
NW	.2	.2	.2	.1								.3	8.6
NNW	.2	.2										.4	3.6
VARBL													
CALM												0.6	
	15.3	27.1	61.9	16.7	1.0	.3	.1					106.0	0.0

TOTAL NUMBER OF OBSERVATIONS 500

NATIONAL CLIMATOLOGY BRANCH
NO. 120
U.S. WEATHER SERVICE / MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME WISCONSIN LYONS AFB TX 77-52 YEARS 1951 MONTH 1
CLASS ALL WEATHER HOURS (L & T) 1
CONDITION

SPEED KNTS, DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N	.6	1.1	1.2	.3								.6
NNE	.3	.9	.9	.3	.7							.4
NE	.4	.9	.9	.3	.7							.4
ENE	.5	.7	.8	.2								.4
E	1.1	1.4	1.5	.2								.7
ESE	1.0	1.5	1.1	.2	.3							.7
SE	.7	2.1	2.4	.7	.1							.7
SSE	1.6	4.1	5.7	3.5	.4	.2	.1					1.6
S	2.6	6.5	12.4	11.9	.9	.2	.2					3.4
SSW	1.2	1.5	4.1	2.9	.2							1.5
SW	.7	.8	1.5	.9	.1							.7
WSW	.4	.4	.3	.1	.7	.7						.4
W	.5	.3	.2	.1	.2		.2					.4
WNW	.2	.3	.2	.2	.2							.3
NW	.3	.2	.2	.1	.2							.3
NNW	.4	.4	.3	.1	.2							.4
VARBL												
CALM												5.7
	12.2	23.6	33.4	21.8	1.8	.2	.1					1.1

TOTAL NUMBER OF OBSERVATIONS

UNITED STATES CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION: BYESS AFB TX STATION NAME: 73-22 YEARS: 1951-1952 MONTH: ALL
 CLASS: ALL HOUR: ALL
 CONDITION: ALL

SPEED KTS (K)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.1	.1									.1
NNE	.4	.1											.1
NE	.1	.1	.1										.1
ENE	.1	.1	.1										.1
E	1.1	.1											1.1
ESE	.4	.1	.4	.1									1.1
SE	.1	1.1	.1	.1									1.1
SSE	2.1	1.1	1.1	.1									1.1
S	1.1	1.1	1.1	1.1									1.1
SSW	1.1	1.1	1.1	.1									1.1
SW	.1	.4	.1										1.1
WSW	.1	.1	.1										.1
W	.4	.1	.1	.1									1.1
WNW	.1	.1											.1
NW	.1	.1											.1
NNW		.1											.1
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

STATION: BYESS AFB TX STATION NAME: 73-22 YEARS: 1951-1952 MONTH: ALL
 CLASS: ALL HOUR: ALL
 CONDITION: ALL

STATION NAME
 STATION NUMBER

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: STATION 10 YEAR: 1958
 CLASS: 11-12 MONTH: 1

WIND D.R.	1-3	4-6	7-10	11-14	15-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N			.1										
NNE			.1										
NE													
ENE		.1											
E		.1	.1										
ESE		.1	.1										
SE	1.2	1.1	.1										
SSE	1.2	1.4	.1										
S	2.4	1.7	1.2	.1									
SSW	2.7	1.4	2.1	.3									
SW	1.3	1.1	.1										
WSW	.1	.1											
W		.1	.1										
WNW		.1	.1										
NW		.1	.1										
NNW		.1											
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

STATION NAME: [illegible]
 DATE: [illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 FROM HOURLY OBSERVATIONS

PERIOD: [illegible] YEARS: [illegible] MONTH: [illegible]

WIND DIRECTION	0-10	11-20	21-30	31-40	41-50	51-60	61-70	71-80	81-90	91-100	MEAN WIND SPEED
N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VARIES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ALL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS

AD-A137 575 DYES AFB TEXAS REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATIONS (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. 21 SEP 83
UNCLASSIFIED USAFETAC/DS-83/045 SBI-AD-E850 488 F/G 4/2

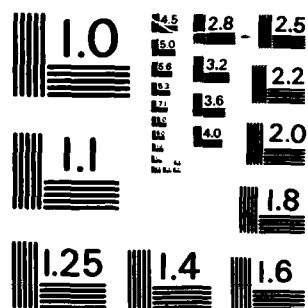
DYESS AFB TEXAS REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATIONS (..U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. 21 SEP 83
USAFETAC/DS-83/045 SBI-AD-E850 488 F/G 4/2

216

UNCLASSIFIED

F/G 4/2

NI



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722665 DYESS AFB TX 73-82 111

STATION

STATION NAME

YEARS

MONTHS

ALL WEATHER

0900-1100

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.8	.9	.1								2.8	5.3
NNE	.2	.8	.3									1.3	5.6
NE	.8	1.5	.6									2.9	4.8
ENE	.6	1.0										1.6	3.8
E	.3	.6	.2									1.2	4.6
ESE	.2	.6	.1									1.0	4.8
SE	.6	.4	.4									1.5	4.4
SSE	.8	1.8	3.7	1.3								7.5	6.0
S	1.3	6.2	15.1	7.7	.4							31.8	8.8
SSW	1.1	4.4	11.2	4.9								21.6	8.5
SW	.8	4.2	4.2	.6								9.8	6.9
WSW	1.3	2.5	1.6									5.8	5.3
W	1.4	2.2	.3									3.9	4.3
WNW	.4	.4		.1								1.0	4.3
NW	1.1	.6										1.7	3.2
NNW	.5	.6	.8									1.9	5.6
VARBL													
CALM												3.5	
	12.5	29.8	39.8	18.8	.8							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

702665
STATION

OVESSE AFB TX

STATION NAME

73-82

YEARS

JUL
MONTH

ALL WEATHER
CLASS

1200-1800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.2	1.1	.4								3.4	6.3
NNE	.3	1.4	.5									2.3	5.3
NE	.6	1.1	1.1									2.8	5.8
ENE	1.0	1.2	.9	.1								3.1	5.4
E	1.1	1.4	1.0		.3							3.8	6.3
ESE	.2	1.0	.9	.4	.1							2.6	7.8
SE	1.3	2.3	2.7	.8	.1							7.1	6.9
SSE	.5	2.7	8.8	3.0	.1							15.2	6.7
S	1.5	9.0	15.7	7.0	.4							33.7	8.5
SSW	.4	3.4	4.5	1.4								9.8	7.6
SW	1.1	2.6	2.2	.1								5.9	5.7
WSW	.8	.6	.3									1.7	4.5
W	.3	.5	.3									1.2	5.4
WNW	.5	.2	.2	.1								1.1	5.5
NW	.1	.6	.6									1.4	6.6
NNW	1.0	.5	.3									1.8	4.2
VARBL													
CALM												3.2	
	11.5	29.8	41.1	13.3	1.1							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

934

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722645
STATION

UYESS AFB TX

STATION NAME

73-82

YEAR

JUL
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.1	1.3	.1								2.9	6.2
NNE	.9	.9	.8	.2	.1							2.8	6.2
NE	.5	.6	.8	.9								2.8	6.5
ENE	.5	1.6	1.2	.4		.1						3.9	7.1
E	.9	2.4	1.9	.5								5.7	6.7
ESE	.5	2.4	1.8	.1								4.6	6.1
SE	.6	3.2	4.9	1.0								9.8	7.3
SSE	1.3	5.2	10.3	3.9	.2							20.9	8.3
S	1.7	6.8	16.0	8.6	.4							33.5	8.9
SSW	.1	1.9	3.2	.6								5.9	7.8
SW	.4	1.1	.4									1.9	4.9
WSW	.2	.1	.2	.1								.6	7.5
W	.1	.2	.1		.1							.5	7.8
WNW	.1					.1						.2	13.0
NW	.1	.2	.2	.3								.9	8.6
NNW	.5	.3	.4	.3								1.6	6.5
VARBL													
CALM												1.6	
	9.0	28.0	43.7	16.7	.9	.2						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722665
STATION

UYESS AFB TX

STATION NAME

73-82

YEARS

111
DAYS

ALL WEATHER
EYES

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.5	.2	.1								1.4	5.1
NNE	.2	.1		.1								.4	5.6
NE	.8	.3	.6	.2								1.9	6.2
ENE	.5	1.6	1.7	.6		.1						4.5	7.6
E	1.2	2.0	1.8	.1								4.7	5.5
ESE	.6	2.8	1.9	1.0								6.3	7.0
SE	.5	3.2	7.7	1.3								12.8	7.9
SSE	1.5	8.1	12.7	5.8	.1							28.2	8.1
S	3.2	8.6	18.1	4.3	.8							30.6	7.6
SSW	.6	.8	1.3									2.7	5.6
SW	.2	.1	.2									.5	5.2
WSW		.1										.1	6.0
W	.2	.5	.3									1.1	6.8
WNW		.1	.1									.2	6.0
NW	.1	.1	.1									.3	5.3
NNW	.8	.2										.6	3.2
VARBL													
CALM												3.3	
	10.8	29.2	42.5	13.5	.5	.1						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

97

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722665 STATION DYESS AFB TX STATION NAME 73-82 YEARS JUL 1964
ALL WEATHER CLASS 2100-2300 HOURS (C.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	.1	.2	.1							.9	6.5
NNE	.1	.2	.1	.1								.5	7.2
NE	.3	.4	.1									.9	4.8
ENE	.9	.9	.5									2.3	4.6
E	.6	1.1	1.1									2.8	5.3
ESE	1.6	1.5	1.0									4.1	4.7
SE	1.4	6.5	4.4	.3								12.6	6.2
SSE	3.1	10.2	10.9	1.4								25.6	6.5
S	7.2	12.7	11.1	2.7								33.7	6.1
SSW	1.6	1.0	.2									2.8	3.3
SW	.2	.3	.1									.6	4.8
WSW	.1			.1								.2	6.0
W	.2	.1										.3	3.0
WNW	.1											.1	1.0
NW	.8	.1	.1									.6	3.5
NNW	.3	.2										.5	3.4
VARBL													
CALM												11.5	
	18.5	35.8	29.7	8.8	.1							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

722665
STATION

LYESS AFB TX

STATION NAME

73-82

YEARS

1111
MONTHS

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6	.5	.1	.0							1.9	5.7
NNE	.8	.6	.2	.1	.0							1.2	5.3
NE	.6	.6	.4	.1	.0							1.2	5.4
ENE	.6	.9	.6	.1		.0						2.3	5.6
E	.8	1.1	.7	.1	.0							2.7	5.6
ESE	.6	1.3	.8	.2	.0							2.8	6.0
SE	.8	2.4	2.7	.4	.0							6.8	6.7
SSE	1.8	5.2	7.2	2.1	.1							16.2	7.3
S	4.5	12.0	16.1	5.2	.2							36.0	7.2
SSW	1.4	2.2	4.0	1.1								9.3	7.0
SW	.7	1.4	1.1	.1								5.3	5.7
WSW	.4	.6	.3	.0								1.4	5.1
W	.5	.6	.2	.0	.0							1.3	4.6
WNW	.2	.2	.1	.0		.0						.5	5.2
NW	.3	.4	.1	.0								.9	4.4
NNW	.5	.4	.2	.0								1.1	4.6
VARBL													
CALM												9.0	
	14.6	31.0	35.2	9.8	.4	.0						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

7484

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722645
STATION

DYESS AFB TX

STATION NAME

73-82

YEARS

ALL
MONTHS

ALL WEATHER
CLASS

1000-2200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.5	.4									1.6	4.5
NNE	.2	.4	.2									.9	5.6
NE	.2	.3	.4									1.0	6.3
ENE	.3	.2		.1								.6	4.6
E	1.3	.3	.3									1.9	3.7
ESE	.3	1.1	.3	.1								1.8	5.5
SE	1.2	1.3	.9	.3								3.7	5.7
SSE	2.3	5.9	4.3	.3	.1							12.9	6.1
S	9.5	18.1	14.8	6.0								45.4	6.5
SSW	3.0	2.5	2.0	.3								7.8	4.9
SW	.4	.2	.5	.1								1.3	6.1
WSW	.1											.1	1.0
W	.3		.1									.4	3.2
WNW	.5											.5	2.0
NW	.1	.2										.3	3.3
NNW	.1	.2		.2								.5	4.0
VARBL													
CALM												15.7	
	20.5	31.7	24.8	7.5	.1							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFIP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

722665
STATION

DYESS AFB TX

STATION NAME

73-82

YEARS

DATE

ALL WEATHER
CLASS

0700-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.5	.8	.2	.1								1.6	4.5
NNE	.6	.6	.3	.2								1.8	5.4
NE			.5		.1							.6	10.3
ENE	.1	.4		.2								.6	6.3
E	.4		.1	.8								1.3	7.0
ESE	.2	.3										1.0	5.0
SE	.6	1.0	.2	.1								1.9	4.6
SSE	4.0	4.6	1.5	.5								10.6	4.5
S	9.4	15.7	16.2	4.7	.1							46.1	6.5
SSW	2.8	3.5	2.9	.2								9.5	5.4
SW	1.1	1.1	.2	.2								2.6	4.4
WSW	.2	.6										.9	4.1
W	.5	.4	.2									1.2	2.2
WNW	.8	.2										1.0	2.6
NW	1.1	.5										1.6	2.7
NNW	.8	.4	.1									1.0	3.7
VARBL													
CALM												16.9	
	22.8	30.8	22.6	6.8	.7							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

97

USAFETAC

FORM
AA 64

0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

457

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722565
STATION

WYESS AFB TX

STATION NAME

73-82

YEARS

ALL
NORTH

ALL WEATHER
CLASS

0600-0000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	.5	.1								3.2	4.0
NNE	1.0	.5	.1									1.6	3.2
NE	.2	.2	.2	.1								.8	2.4
ENE	.4	.2	.1									.8	2.4
E	1.2			.2								1.2	2.4
ESE	.3		.2	.1								.6	2.4
SE	1.0	.6	.3	.2								2.2	2.4
SSE	2.8	2.5	2.5	.6								8.4	3.2
S	8.4	12.9	13.8	4.8								39.9	6.4
SSW	2.9	5.2	4.6	.5								13.2	4.0
SW	1.8	1.3	1.5	.1	.1							4.8	2.4
WSW	.4	.2	.2									.9	2.4
W	.8	.5										1.3	2.4
WNW	.4	.4										.8	2.4
NW	.3	.2	.1									.6	2.4
NNW	1.2	.5	.2									1.9	2.4
VARBL													
CALM												17.7	
	24.2	26.7	24.4	6.9	.1							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722665 STATION DYESS AFB TX STATION NAME 73-82 YEARS AUG 1967
ALL WEATHER
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.5	1.3	.1								3.4	0.0
NNE	.5	1.6	1.0	.3								3.4	0.4
NE	.3	.8	.3									1.4	0.2
ENE	1.0	.6	.6	.3								2.6	0.4
E	1.1	.4	.2									1.7	0.0
ESE	.5	.4	.1	.2								1.3	0.6
SE	1.0	1.1	.2	.1								2.4	0.5
SSE	1.2	2.3	1.7	.4	.1							5.7	0.2
S	1.2	4.4	17.7	9.6	.5							33.8	0.4
SSW	1.0	4.1	11.0	3.5								19.6	0.3
SW	1.5	2.8	4.5	.8								4.6	0.5
WSW	.9	2.6	1.1									4.5	0.2
W	1.1	.9	.6									2.6	0.0
WNW	.4	.6										1.1	0.0
NW	.8	.1										.9	2.4
NNW	.4	.5										1.0	3.9
VARBL													
CALM												5.5	
	17.7	24.7	40.4	15.4	.6							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 930

OFFICIAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722665
STATION

WYESS AFB TX

STATION NAME

75-82

YEARS

AUG
MONTH

ALL WEATHER
CLASS

1000-1400
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.7	.5	.8								3.8	6.0
NNE	.9	1.5	1.7	.8	.1							4.5	7.2
NE	.9	1.5	.8	.3	.2							3.7	6.1
ENE	.9	.9	.2									1.9	4.1
E	1.5	1.2	2.2									4.2	5.4
ESE	.2	1.8	.6	.1								2.5	2.7
SE	1.3	3.1	1.9	.4								6.8	4.4
SSE	1.0	3.9	6.0	2.0	.2							13.1	6.0
S	1.7	6.9	17.1	7.8	.5							34.1	8.9
SSW	.9	3.2	5.9	1.4								11.4	7.6
SW	.5	1.4	2.2	.1								4.2	6.4
WSW	.3	.5	.4									1.3	5.3
W	1.0	.3	.3									1.6	3.8
WNW	.4	.4	.1									1.3	3.4
NW	.8	.2		.1								1.1	3.6
NNW	.3	.4	.2									1.0	2.1
VARBL													
CALM												3.2	
	13.2	29.0	40.2	13.2	1.1							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

930

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

7-26-65 STATION 0YESS AFB TX STATION NAME 73-62 YEARS MONTH 1-17-66
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.1	.5	.5								.4	
NNE	.2	1.0	1.9	1.0								.1	
NE	.3	1.1	1.0	.8								.7	
ENE	.2	1.2	1.3	.3								.4	
E	1.5	2.8	1.6	.6	.1							.7	
ESE	1.2	1.7	2.4	.5								.6	
SE	1.3	3.9	3.0	.8								.9	
SSE	1.6	4.1	10.5	4.4								2.0	
S	1.2	5.4	14.2	6.8	.2							27.7	
SSW	.1	1.9	2.9	.6								.5	
SW	.3	1.1	1.3	.4								.1	
WSW	.3	.3	.1	.1								.1	
W	.3	.2	.3	.1								.1	
WNW	.3	.2	.1									.1	
NW	.1	.2	.1									.1	
NNW	.1	.1										.1	
VARBL													
CALM													
11.4 27.2 41.5 17.0 .3													

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFSTAC
 AIR WEATHER SERVICE/MAF

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 122805 MYERS AFB TX STATION NAME 73-62 YEARS 1968-1969 MONTH ALL

CLASS ALL WEATHER

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.0		.3								2.2	5.0
NNE	.5	1.0	.6	.2								2.4	5.3
NE	.5	1.1	1.6	.3	.1							3.7	7.4
ENE	1.2	.6	1.1	.1								3.2	5.2
E	1.9	3.5	2.2	.1	.1							7.3	5.4
ESE	.4	2.2	2.6	1.2	.1							7.2	7.5
SE	.6	3.3	3.3	1.2								12.4	7.5
SSE	2.2	6.5	12.1	3.8								24.5	7.5
S	3.5	8.8	12.5	2.1	.1							26.1	7.5
SSW	.9	.2	1.0	.1								2.3	5.0
SW		.2	.1									.3	4.7
WSW		.1	.1									.2	4.5
W	.2	.1	.1									.4	4.7
WNW	.2											.2	4.0
NW		.2										.2	4.0
NNW	.1	.2	.4									.3	4.5
VARBL													
CALM												3.7	
	13.2	31.6	40.6	12.8	.8							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 530

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

102565 STATION NAME DYECS AFB TX 73-82 YEARS 41
ALL WEATHER CLASS 1100-2100 HOURS (LST)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.1	.1									.0	3.4
NNE	.8	.3	.1									1.2	4.0
NE	.5	.6	.5									1.6	5.1
ENE	1.1	1.1	.2	.1								2.5	4.4
E	1.8	1.3	.3	.1								3.5	5.4
ESE	1.6	2.9	1.4									5.5	4.3
SE	2.5	4.9	3.2	.4								11.1	5.7
SSE	2.4	10.0	8.4	1.6								22.4	6.4
S	.2	13.3	9.8	2.2								33.4	5.8
SSW	3.0	.6	.8	.1								4.5	3.9
SW	.5	.1	.1									.6	3.3
WSW	.3	.1										.4	3.0
W	.1	.2	.1									.4	5.3
WNW	.2	.2	.3	.1								.8	7.6
NW	.3		.1									.4	3.8
NNW	.1	.2	.1									.4	5.5
VARBL													
CALM												9.5	
	24.1	36.1	25.7	4.6								100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 47

U.S. AIR FORCE
CLIMATE BRANCH
AFM 7-10.1
AFM 7-10.1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

722565

WYELS AFB TX

STATION NAME

77-82

YEARS

ALL

WIND

ALL WEATHER

CLASS

ALL

WIND (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.0	.5	.2								2.5	5.4
NNE	.6	.9	.8	.3	.0							2.5	6.5
NE	.9	.7	.7	.2	.1							2.1	6.6
ENE	.7	.8	.9	.1								2.1	6.2
E	1.3	1.2	.9	.2	.0							3.6	6.2
ESE	.6	1.5	1.0	.3	.0							3.3	6.1
SE	1.2	2.4	2.3	.4								6.3	6.2
SSE	2.2	5.2	5.6	1.7	.1							14.6	7.6
S	5.4	10.7	14.5	5.6	.2							36.4	7.3
SSW	1.8	2.7	3.9	.9								9.2	6.7
SW	.8	1.0	1.3	.2	.0							3.3	6.2
WSW	.3	.6	.2	.0								1.1	5.0
W	.5	.4	.2	.0								1.1	4.3
WNW	.4	.3	.1	.0								.8	3.7
NW	.4	.2	.0	.0								.7	3.2
NNW	.3	.4	.1	.0								.9	4.5
VARBL													
CALM												9.3	
	17.8	29.7	32.5	11.2	.4							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

748

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722665
STATION

DYESS AFB TX

STATION NAME

73-82

YEARS

SEP
MONTH

ALL WEATHER
CLIM

0000-0000
LOCAL (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.3	1.1	.8								5.6	6.1
NNE	.7	1.3	.8	.7								3.1	4.3
NE	.9	1.2	1.2									3.3	5.5
ENE	.4	.4	.2									1.4	4.4
E	1.1	.8		.1								2.0	5.8
ESE	.8	1.3	.2									2.3	4.3
SE	1.0	1.6	1.4	.1								4.1	5.6
SSE	2.7	5.4	3.0	1.8	.3							13.2	6.6
S	5.9	6.2	7.2	5.1	.3							24.8	7.2
SSW	2.6	1.4	2.1	1.4								7.6	6.8
SW	1.4	1.1	1.0	.1								3.7	4.8
WSW	.6	.1	.3									1.0	4.6
W	.9	.2										1.1	4.7
WNW	.7	.2										.9	2.9
NW	.7	.2	.1	.1								1.1	4.2
NNW	.3	.6	.1	.2								1.2	6.5
VARBL													
CALM												23.6	
	21.0	24.9	18.6	10.4	.7							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

620

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

7-26-65 STATION WYESS AFB TX STATION NAME TX-E2 YEARS 1960-1961 CLIP 1300-2401
 ALL WEATHER CLAS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.4	1.6	.9								6.3	6.1
NNE	1.3	1.1	.8	.7								3.9	5.9
NE	.9	1.3	.7	.1								3.0	5.1
ENE	.1	.6	.4									1.1	2.4
E	.4	.7										1.1	3.7
ESE	1.2	.6										1.6	3.1
SE	1.4	1.7	.4	.2								3.1	4.6
SSE	3.6	3.7	3.1	1.1	.1							11.6	5.9
S	7.7	8.8	6.0	2.4	.4							25.3	5.6
SSW	2.0	1.7	2.7	.9	.1							6.1	6.1
SW	1.3	1.6	.9	.2								4.4	5.0
WSW	.7	.2	.3	.1								1.3	4.6
W	1.7	.6										2.2	2.9
WNW	1.3	.7										1.7	3.1
NW	1.9	1.0										2.9	3.2
NNW	1.1	.7	.3									2.1	4.1
VARBL													
CALM												70.0	
	29.0	26.8	17.2	6.7	.7							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 722565 CYESS AFB TX STATION NAME 73-62 YEARS 547
ALL WEATHER CLASS 0609-0600 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	1.9	3.0	2.4	.6	.1							6.2	6.3
NNE	.3	1.3	2.0	.1								3.8	7.0
NE	.1	.6	1.0	.6								2.2	8.5
ENE	.6	.9	.4	.2								2.1	5.6
E	.4	.9	.4	.2								2.0	5.9
ESE	.4	.4	.3									1.2	4.5
SE	.9	1.0	.4	.1								2.4	4.6
SSE	2.8	3.4	2.3	.9								9.5	5.6
S	6.1	6.9	5.7	4.1	.7							23.5	6.5
SSW	2.3	3.8	2.8	1.3								10.2	6.2
SW	1.1	1.0	.3	.2								2.7	4.8
WSW	1.0	.2	.4									1.7	4.3
W	1.1	.4										1.6	2.7
WNW	1.0	.7	.1									1.8	3.6
NW	1.1	.4										1.5	3.0
NNW	1.6	1.2	.7	.1								3.6	4.3
VARBL													
CALM												72.0	
	22.8	26.7	19.5	8.7	.8							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 696

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722665 DYESS AFB TX 73-82 5-1
STATION STATION NAME YEARS MONTH
ALL WEATHER 1952-1977
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	4.2	3.7	1.4								10.6	4.7
NNE	.9	2.7	2.3	1.0								6.9	3.6
NE	.3	1.4	2.1	.9								4.8	2.7
ENE	.3	.9	.8									2.0	1.2
E	.7	1.1	1.3	.8	.1							4.0	2.4
ESE	.4	.8	.7									1.9	1.1
SE	1.7	1.2	1.0	.2								4.1	4.1
SSE	1.6	1.9	2.2	.7								6.3	6.1
S	1.7	3.7	8.8	5.8	1.7							21.6	9.1
SSW	.9	3.4	5.7	3.7	.2							13.9	8.9
SW	.8	1.9	2.4	1.4								6.6	2.7
WSW	1.0	1.2	1.3	.3								3.9	1.6
W	1.3	.9	.7	.1								3.0	4.6
WNW	.6	.2	.1									.9	1.6
NW	.9	.6	.2									1.7	3.2
NNW	1.0	1.0	.6									2.6	4.0
VARBL													
CALM												5.7	
	15.4	27.1	33.9	14.3	2.0							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 67

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722665 STATION 0YESS AFB TX STATION NAME 73-82 YEARS 1960-1966
ALL WEATHER CLIM
COBITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥54	%	MEAN WIND SPEED
N	.7	3.0	3.3	1.4	.2							6.6	1.0
NNE	.7	2.2	1.7	1.4	.1							3.1	1.2
NE	.6	1.3	2.7	.6	.1							5.0	2.8
ENE	1.3	2.0	1.8	.2								5.0	1.5
E	1.4	2.2	1.6	.9								6.1	1.3
ESE	1.1	2.1	1.5	.1								4.3	4.9
SE	1.6	1.8	1.8	.3								3.4	5.7
SSE	.9	4.0	2.7	.8								3.3	1.6
S	.6	4.7	8.6	8.7	.2							26.2	9.2
SSW	.6	1.7	4.3	1.8	.7							2.1	9.6
SW	.3	1.2	1.8	.8	.1							4.6	7.6
WSW	1.0	.9	.4	.3								2.7	5.3
W	.3	.9	1.9									4.2	8.0
WNW	.3	.2	.3	.1								1.0	5.9
NW	.7	.7	.2									1.6	4.1
NNW	.9	1.1	.7									2.7	4.6
VARBL													
CALM												3.3	
	12.4	31.6	55.4	16.4	1.4							100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 636

FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

022465 DYESS AFB TX 77-82 1982-1982
 STATION NAME YEARS MONTHS
 ALL WEATHER
 CLASS
 CONDITION

SPEED KNTS. DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	3.0	3.6	.7	.1							.2	1.1
NNE	.7	2.2	3.7	1.8		.2						.5	3.0
NE	1.1	2.9	3.6	1.2								.5	1.7
ENE	.9	1.7	2.3	.4								.3	2.7
E	.4	3.4	2.0	.6								.4	2.4
ESE	1.2	2.0	1.2	.8								.2	2.3
SE	1.1	1.9	2.2	1.0								.1	2.9
SSE	.8	2.6	3.8	1.7								.8	1.9
S	1.2	4.2	9.6	4.0	.1							1.1	2.1
SSW	1.0	2.1	3.4	2.2								.5	2.1
SW	.8	1.2	1.3	.8								.1	2.4
WSW	.3	.9	.7	.1								.2	2.2
W	.2	.5	.1									.9	4.0
WNW	.1	.2	.2	.2								.4	1.9
NW	.6	.2	.1									.9	3.0
NNW	1.2	1.2	.3									.8	2.7
VARBL													
CALM												.7	
	12.6	30.2	38.1	15.8	.2	.2						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 600

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7-25-65 STATION CYESS AFB TX STATION NAME 73-82 YEARS 1960-1970 MONTH ALL WEATHER CLIM 1800-0000 HOURS (LOCAL) CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.0	1.2	.6	.2							6.7	0.2
NNE	.6	2.7	1.8	1.0								6.3	2.0
NE	1.1	2.6	2.8	.7								6.3	2.3
ENE	1.1	3.0	2.1	.6								6.8	2.1
E	4.0	3.1	2.0									8.1	2.4
ESE	1.7	2.9	2.8	.4	.1							7.6	2.2
SE	1.6	3.3	4.0	.6								5.8	2.6
SSE	1.6	5.2	4.0	2.7	.2							13.7	2.6
S	4.3	4.2	4.1	1.3	.1							14.1	5.7
SSW	1.2	1.3	.9	.3								3.5	5.5
SW	.7	.3	.2									1.2	4.2
WSW	.2	.3										.6	3.4
W	.1	.6	.2									.9	5.5
WNW		.1										.1	4.6
NW	.6	.2	.1									.9	2.5
NNW	.8	.4										1.2	2.0
VARBL													
CALM												1.7	
	21.1	36.7	25.6	8.1	.7							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 900

JOINT CLIMATOLOGY BRANCH
 CHATTAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 200005 BYESS AFB TX STATION NAME 77-82 YEARS 1957
 CLASS ALL WEATHER MONTHS 100-000
 CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.4	1.0	.4	.1							4.2	6.1
NNE	.8	2.2	1.2	.7								4.8	6.1
NE	1.1	2.3	.9	.6								4.8	6.1
ENE	1.4	1.1	.1	.2								2.5	4.2
E	.9	1.4	1.1									2.4	2.1
ESE	3.1	2.2	.9	.4								1.7	4.1
SE	1.9	4.2	2.9	.1								2.8	2.1
SSE	3.2	5.1	4.4	2.4	.4							12.4	7.1
S	5.7	8.2	5.6	3.0	.2							20.7	2.1
SSW	2.6	1.3	.9	.4								3.2	4.7
SW	1.2	.2										1.4	2.1
WSW	.7	.2										.9	2.1
W	.5	.1										.7	2.1
WNW	.3	.1	.1									.6	4.4
NW	.4	.2										.7	2.1
NNW	.2	.3	.1	.2								.2	4.6
VARBL													
CALM												17.7	
	25.1	28.7	19.2	5.6	.8							100.0	

TOTAL NUMBER OF OBSERVATIONS

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

122500
STATION

YEARS AFS IX

STATION NAME

73-60

YEARS

DATE

ALL WEATHER
CLASS

7-1
HOURS LIST

CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	2.2	2.2	.9	.1							2.4	4.4
NNE	.7	2.0	2.0	.5	.1	.2						5.2	2.2
NE	.5	1.7	1.8	.6	.2							4.2	3.2
ENE	.7	1.6	1.2	.2								3.2	3.0
E	1.2	1.7	1.1	.3	.2							4.2	3.6
ESE	1.3	1.5	.8	.2	.2							3.5	3.3
SE	1.4	2.0	1.8	.3								5.5	3.6
SSE	2.1	3.5	3.2	1.5	.1							1.8	4.0
S	4.2	6.1	6.9	4.1	.5							24.2	7.4
SSW	1.7	2.1	2.8	1.5	.1							4.3	3.1
SW	1.4	1.2	1.0	.4	.2							3.0	3.1
WSW	.7	.5	.4	.1								1.6	3.1
W	.8	.5	.3	.2								1.0	4.1
WNW	.5	.3	.1	.2								1.0	4.0
NW	.8	.4	.1	.2								1.4	3.5
NNW	.9	.8	.3	.1								.1	4.5
VARBL													
CAIM												1.0	
	20.1	20.6	25.4	11.2	.9	.8						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

7360

U.S. CLIMATOLOGY BRANCH
 WAFS TAC
 WEATHER SERVICE / PAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: YIELD AFB IX YEARS: 1951-52 CLIM: 011
 STATION: 000000 CLAS: ALL WEATHER MONTH: 01
 COND: 000000 HOURS: 01

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.2	2.5	.5								1.0	2.7
NNE	.4	1.1	.8	.6	.1							1.2	1.0
NE		.2	.5	.1								1.4	1.0
ENE	.1	.0	.5									1.0	1.0
E	.3	1.2	.1									1.6	1.1
ESE		.4	.1									.5	1.0
SE	.4	.5	.2	.1								1.4	1.0
SSE	2.3	3.2	2.5	.5	.1							1.2	1.0
S	2.3	7.4	8.4	5.7	.4							2.3	1.0
SSW	4.6	4.5	2.8	1.7								1.1	1.0
SW	1.3	2.2	.6									4.0	1.0
WSW	1.2	.5	.3	.1								1.2	1.0
W	1.4	.5										1.9	1.0
WNW	.5	.2	.2	.2								1.2	1.0
NW	1.2	.2	.2	.1								1.7	1.0
NNW	1.1	.8	.6	.1	.1							2.7	1.0
VARBL													
CALM												1.1	
	22.2	26.3	20.6	10.2	.5								

TOTAL NUMBER OF OBSERVATIONS

NATIONAL CLIMATOLOGY BRANCH
AF 140
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

102861
STATION

0550 AFD IX

STATION NAME

7-1-1

YEARS

85478

ALL - OTHER
CLASS

MOVES - 8.1

CONDITION

SPEED KNOTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.4	2.6	4.4	4.4							2.4	1.0
NNE	1.2	1.0	0.6	0.5								0.6	1.0
NE	1.2	0.3	0.6									0.6	1.0
ENE	0.9	0.2	0.6									0.6	1.0
E	0.9	0.8	1.1									0.6	1.0
ESE		0.1	0.1									0.6	1.0
SE	0.5	0.2	0.2	0.2								0.6	1.0
SSE	1.7	3.1	1.7	0.3		0.2						1.0	1.0
S	5.3	8.1	7.2	4.5	1.2							1.0	1.0
SSW	2.1	4.2	2.4	0.8								1.0	1.0
SW	2.4	1.8	1.1	0.2								1.0	1.0
WSW	1.1	0.4	0.3									1.0	1.0
W	1.0	1.1	0.4									1.0	1.0
WNW	1.4	0.5	0.4									1.0	1.0
NW	1.2	0.2	0.4	0.3								1.0	1.0
NNW	1.1	1.1	0.2									1.0	1.0
VARBL													
CALM													
	21.6	27.0	20.6	7.7	1.4	0.2							

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE CLIMATOLOGY BRANCH
 WASH. D.C.
 AIR WEATHER SERVICE / MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION LYESS AFB TX STATION NAME 73-82 YEARS 1951 MONTH 01
ALL WEATHER CLASS 600-0100 HOURS (LST)
 CONDITION

SPEED KNTS/ DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.2	1.9	1.0	.3							1.3	1.1
NNE	.1	1.4	1.0	.5								3.3	2.4
NE	.2	.3	.4	.1								1.1	1.1
ENE	.4	.9	.2									1.5	4.4
E	.3	.2	.2	.1								1.4	2.2
ESE	.1	.3	.2									.5	2.3
SE	.2	.9	.5	.1								1.4	2.1
SSE	1.2	1.6	1.6	.4								4.2	2.1
S	5.2	7.1	7.7	4.8	1.0							25.5	7.1
SSW	2.6	3.5	3.3	.4								2.9	1.6
SW	1.6	1.9	.6	.5								4.7	2.2
WSW	1.4	.4	.5									2.4	4.1
W	1.4	1.1	.8	.1	.1							3.4	2.0
WNW	1.4	.2	.1	.2								2.5	4.2
NW	1.2	.5	.6									3.2	4.1
NNW	1.3	2.2	.2									4.2	4.4
VARBL													
CALM												22.7	
	21.0	25.9	20.6	3.4	1.4							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 470

OFFICIAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

722545 STATION 0555 AFB TX STATION NAME 73-82 YEARS 001 MONTH 0000-1100 HOURS (LST) ALL WEATHER CLIM CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.3	5.1	1.1	.9							6.7	6.1
NNE	.6	.4	2.6	1.1	.8							5.2	4.6
NE	.5	.6	1.2	.3								2.7	4.5
ENE	.8	.6	.2	.2	.1							1.4	6.1
E	.1	.5	.5	.2		.1						1.5	6.4
ESE	.5	.5	.3									1.4	4.8
SE	.2	.4	.2									1.1	4.8
SSE	.2	1.7	3.2	1.1								5.2	6.1
S	1.2	4.1	8.4	6.7	1.1	.2						21.6	7.8
SSW	1.1	3.7	6.9	5.8	.6	.1						18.2	7.8
SW	1.0	1.3	2.5	1.1								5.6	7.4
WSW	.5	1.8	1.3	.2								3.9	6.1
W	1.3	1.9	1.4	.3	.1							5.1	6.0
WNW	.6	1.1	.5	.1								2.4	5.4
NW	1.1	1.6	.3									3.0	4.3
NNW	1.3	1.6	1.3	.8								4.9	6.6
VARBL													
CALM												5.5	
	12.2	25.6	34.2	13.9	7.7	.4						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 63

1
 10000 CLIMATOLOGY BRANCH
 AFSTAC
 AIR WEATHER SERVICE/MAC

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

722545 STATION 04555 AFB IX STATION NAME 73-82 YEARS MONTH 1200-14 HOURS (LST)
 ALL WEATHERS CLASS
 CONDITION

SPEED KNTS, DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEA WIN SPEE
N	1.0	3.7	4.1	1.4	.1							10.2	2.
NNE	1.1	1.1	2.3	2.2	.2							4.5	2.
NE	.9	.9	.6	1.2								3.5	7.
ENE	.3	.6	.6	.2								1.9	4.
E	.5	1.0	.6									2.2	5.
ESE	.2	.9	.2	.1								1.5	4.
SE	.5	1.1	.3	.1								2.2	2.
SSE	1.1	1.7	2.7	.8								6.2	5.
S	1.1	3.8	11.7	5.7	1.5	.1						25.3	8.
SSW	.8	2.7	6.2	5.3	.2							15.2	2.
SW	.5	2.9	2.7	1.4								7.6	7.
WSW	.2	1.4	1.6	.2								3.4	7.
W	.5	1.2	1.7	.2	.3							4.2	7.
WNW	.1	.4	.4	.1								1.1	4.
NW	.6	1.5	.6	.2								3.0	5.
NNW	.4	1.2	1.6	.4								4.4	6.
VARBL													
CALM												7.9	
	11.8	26.7	38.3	19.5	1.2	.1						100.0	7.

TOTAL NUMBER OF OBSERVATIONS

SIGNAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7-26-65 STATION JYESS AFB TX STATION NAME 73-62 YEARS 201
ALL WEATHER CLIM 15.0-17.0
MOONS (LUNAR)
CONDITION

SPEED KNTS: DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	4.1	4.1	2.3	.7							1.2	2.7
NNE	.5	1.6	2.7	1.7	.2							.6	2.2
NE	.9	1.5	1.7	.5								.4	2.4
ENE	.5	.5	.8	.3								.2	2.2
E	1.1	.5	.1									1.7	3.4
ESE	.5	.2	.1	.1								1.0	5.0
SE	.9	1.6	1.3	.1								.8	3.5
SSE	1.2	2.5	3.8	1.2								2.6	7.0
S	2.2	4.8	13.1	6.3	.8	.1						27.3	9.0
SSW	1.1	2.7	4.5	3.1	.1							15.2	6.6
SW	.4	1.4	1.6	.5								.3	2.4
WSW	.4	1.1	1.1									.4	5.1
W	.4	1.7	.9	.3	.2	.1						3.7	7.4
WNW	.4	.5	.3	.1								1.4	5.4
NW	.3	.5	.8	.4								2.0	7.1
NNW	.2	1.0	.8	.3								2.3	7.1
VARBL													
CAIM													
	12.9	26.6	37.5	17.4	1.6	.7						170.0	7.0

TOTAL NUMBER OF OBSERVATIONS 42

LOCAL CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME YEARS AER IX 73-80 807
CLASS ALL WEATHER 800-200
CONDITION HOURLY

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.4	3.9	1.1	1.1							1.0	5.7
NNE	1.0	1.2	2.6	1.5								1.0	6.5
NE	1.3	1.3	1.5	1.2								1.0	4.7
ENE	1.3	1.5	1.3	1.1								1.0	4.1
E	1.7	1.1	1.1									1.0	4.1
ESE	1.5	1.2	1.2									1.0	4.1
SE	1.6	2.0	1.5	1.4								1.0	3.8
SSE	1.7	3.7	2.7	1.2								1.0	3.8
S	3.9	6.9	4.7	2.0	1.4							24.7	3.8
SSW	1.5	1.5	1.1									7.4	3.7
SW	2.2	1.1										1.0	3.7
WSW	1.2	1.3	1.1									1.0	3.1
W	1.5	1.2	1.2	1.2								1.0	3.2
WNW	1.1	1.1	1.1	1.1								1.0	3.7
NW	1.2	1.1	1.1	1.1								1.0	4.1
NNW	1.3	1.3	1.2	1.4								1.0	4.4
VARBL												1.0	4.4
CALM												1.0	4.4
	29.2	28.4	18.2	1.5	1.5							10.0	4.5

TOTAL NUMBER OF OBSERVATIONS 570

METEOROLOGICAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

102560 STATION 05555 AFB IX STATION NAME 73-02 YEARS 61
 ALL WEATHER CLASS 100-107 HOURS (L.Y.)
 CONDITION

SPEED (KNTS.) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	2.5	2.4	2.5	1.5	.1							1.0	6.2
NNE	.3	1.6	1.3		.1							1.1	6.6
NE	.4	1.4	.6									1.0	5.7
ENE	.2	.3	.5									1.1	4.4
E	.2	1.1	.1									1.0	5.5
ESE	.2	.4	.5									1.1	5.1
SE	.2	1.1	1.3	.6								1.0	6.5
SSE	1.5	2.3	3.3	.9								1.0	6.6
S	6.9	8.2	4.0	4.3	.3							27.6	6.0
SSW	5.2	2.2	1.6	.2								9.1	4.1
SW	3.1	.2	.1									4.0	4.0
WSW	1.1	.9	.4									2.4	4.5
W	.4	.1		.4								1.0	4.1
WNW	.2	.3	.2									.8	4.3
NW	.4		.4									1.2	4.0
NNW	.5	.2	.2	.1								1.1	4.0
VARBL													
CALM												22.2	
	25.4	23.2	21.2	7.8	.5							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 61

JOINT CLIMATE BRANCH
AF TAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME WYESS AFB TX YEARS 73-74 MONTHS 001
CLASS ALL WEATHER HOURS (L.S.T.) ALL
CONDITION _____

SPEED KNTS D.R.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	3.1	3.1	1.1	.3							.09	7.0
NNE	.5	1.3	1.7	.5	.1							.45	8.1
NE	.6	.9	.8	.3								.25	8.4
ENE	.5	.6	.5	.1	.0							1.7	5.7
E	.7	.8	.3	.0		.2						1.3	4.7
ESE	.4	.7	.2	.0								1.4	4.8
SE	.7	1.1	.7	.2								2.7	5.7
SSE	1.4	2.5	2.7	.5	.0	.0						7.4	6.2
S	4.6	6.6	8.6	1.0	.8	.1						25.5	7.8
SSW	2.8	3.1	3.7	2.2	.1	.0						11.9	7.1
SW	1.6	1.6	1.1	.5								4.8	5.6
WSW	.9	.9	.7	.1								2.6	5.1
W	.9	1.0	.7	.2	.1	.0						.8	5.9
WNW	.6	.5	.3	.1								1.5	5.1
NW	.9	.7	.4	.1								.2	4.5
NNW	.8	1.1	.7	.3	.0							3.0	5.0
VARBL													
CALM												14.5	
	12.4	26.2	26.3	12.0	1.8	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 7483

CENTRAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

02565 - JYESS AFB TX

STATION NAME

73-82

YEARS

NOV
1981

ALL WEATHER

CLASS

010-2201
MOVES (L.S.Y.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	3.3	1.0								7.5	0.0
NNE	1.0	.9	1.7	1.3	.1							5.0	0.0
NE	.1	.9	.6	.3								1.9	7.1
ENE	.2	.1	.2									.0	4.4
E	1.0	.2	.2	.1								1.0	4.5
ESE	.2	.3	.2									.3	5.7
SE	.2	.2	.3	.1								1.0	5.5
SSE	.7	1.6	2.2	.8	.3	.1						5.7	0.0
S	4.4	4.0	5.0	4.7	.8							15.2	7.2
SSW	3.6	2.2	5.0	3.6	.4							14.3	6.0
SW	2.9	1.4	1.1	.4	.2							5.1	5.3
WSW	1.0	1.0	.2	.1								.3	4.0
W	1.3	1.2	.4	.2								3.2	4.7
WNW	1.4	1.6	1.0									4.2	5.1
NW	1.0	1.1	.8	.1								3.2	5.2
NNW	1.0	.9	.1	.4								2.4	5.0
VARBL													
CALM													
	21.6	19.4	22.4	14.0	1.9	.1						120.0	5.0

TOTAL NUMBER OF OBSERVATIONS

600

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE / SAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 22-05 LYESS AFB TX STATION NAME 72-02 YEARS 1951
 CLASS ALL WEATHER MONTH ALL MONTHS
 CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥56	%	MEAN WIND SPEED
N	2.0	1.0	3.6	2.9	.3							2.6	2.5
NNE	.1	.7	1.0	.7								2.4	2.5
NE	.2	.7	.8	.2								1.9	2.5
ENE	.6	.3	.4									1.3	2.5
E	.4	.1	.1									.7	2.7
ESE	.8	.4	.2									1.4	2.6
SE	.3	.9	.1									1.2	4.4
SSE	1.3	1.6	1.7	.7	.4							3.7	7.5
S	3.0	3.7	4.8	4.1	.7							17.0	7.5
SSW	2.3	1.2	3.4	2.2	.4							10.3	7.4
SW	2.7	1.7	2.9	1.1	.1							8.4	6.0
WSW	1.8	.9	1.4	.3								4.3	5.6
W	1.4	1.6	.7	.1								3.8	4.5
WNW	1.8	1.3	.8		.1							4.0	4.0
NW	1.1	1.1	.7	.2								3.1	5.1
NNW	1.4	1.7	1.2	.4								4.3	5.6
VARBL													
CALM												19.3	
	22.1	19.2	23.8	13.0	2.1							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 200565
 STATION NAME JYESS AFB TX
 YEARS 73-80
 ALL WEATHER
 CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	1.6	4.2	3.2	.2	.1						1.02	4.0
NNE	.1	.7	.2	1.1								.01	2.6
NE	.4	.3	.6	.4	.1							.03	3.1
ENE	.8	.6	.3									.02	4.0
E	.3	.4										.01	3.7
ESE	.1	.2										.01	4.0
SE	.3	.9	.4	.1								.02	5.1
SSE	1.4	1.7	1.8	.3	.2							.08	6.1
S	4.0	4.2	3.3	4.1	.9	.2						1.03	6.1
SSW	2.2	1.7	3.1	1.9	.3							.02	7.7
SW	2.3	.8	2.2	1.4								.04	7.0
WSW	1.2	.0	.9	.9								.03	7.1
W	2.3	1.3	.4	.7		.1						.02	5.0
WNW	2.3	1.0	1.2	.1								.02	4.6
NW	1.1	1.4	.9	.3								.03	4.4
NNW	1.6	1.9	1.6	.3								.03	5.7
VARBL													
CALM												.01	
	21.0	10.6	11.2	15.6	1.0	.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

U.S. NATIONAL CLIMATOLOGY SERVICE
 WAF TAC
 WEATHER SERVICE/MAO

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME STATION YEARS AFT IX 73-5 YEARS NO MONTH
ALL WEATHER CLASS HOURLY
CONDITION

SPEED KNTS D.R	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N	.7	2.4	4.1	5.5	.7							1.4
NNE	.6	1.3	1.3	1.7	.3							1.2
NE	.1	.9	.6	1.4								1.2
ENE	.2	.6		.2								1.2
E	.7	.2	.4	.1								1.1
ESE	.3	.1	.0									1.1
SE	.4	.7	.4									1.1
SSE	.6	1.4	2.1	1.2								1.4
S	1.2	2.2	6.1	5.2	1.4	.3						1.2
SSW	.4	.2	2.3	4.6	1.2							1.4
SW	.7	1.3	2.4	2.0								1.4
WSW	.9	1.1	1.1	1.2	.1							1.4
W	1.1	1.5	1.7	.9	.3	.1						1.2
WNW	1.0	.7	1.1	.3		.1						1.2
NW	.8	.8	1.2	.9								1.2
NNW	1.4	1.4	2.6	1.3								1.4
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

CLIMATE BRANCH
AFSTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

124545
STATION

WYESS AFB TX

STATION NAME

73-82

YEARS

10
MONTHS

ALL WEATHER
FLY

1270-1400
HOURS (GMT)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.7	6.6	4.7	.6							14.7	4.7
NNE	.4	1.3	2.7	1.3	.8							5.2	3.9
NE		.9	1.1	1.0	.1							3.2	3.3
ENE	.4	.9	.4	.2								2.0	1.1
E	.3	1.4	.3	.1								2.2	3.4
ESE	.4	.7	.1	.1								1.7	4.1
SE	1.1	.6	.8	.2								2.7	3.6
SSE	1.1	.9	1.6	1.6								3.3	7.2
S	.2	3.1	5.4	6.6	1.1	.2						16.1	10.6
SSW	.7	1.7	4.2	6.7	1.1	.1						14.4	11.1
SW	.3	1.2	3.0	1.2								5.3	6.6
WSW	.4	.7	2.1	1.2	.1							4.6	5.0
W	.7	1.1	2.6	1.3	.2							6.0	8.0
WNW	.2	1.2	1.1	.1	.1	.2						3.7	7.2
NW	.0	.0	1.1	.7	.3							3.0	7.8
NNW	.7	1.2	1.8	1.6	.1							5.6	8.0
VARBL													
CALM												.7	
	9.9	19.9	34.8	22.0	4.2	.6						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

800

INTERNAL CLIMATOLOGY BRANCH
USAFETAC
WILDLAND WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

702505 STATION 0YESS AFB TX STATION NAME 73-EC YEARS NORTH
ALL WEATHER CLASS 1000-1700 HOURS LST
CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	3.3	5.9	4.7	.3							10.3	2.5
NNE	.7	1.9	2.4	1.8	.2							2.3	2.4
NF	.4	1.2	.7	.7								1.2	7.2
ENE	.7	.7	.6	.3								.2	2.2
E	1.1	1.2	.2									3.1	4.5
ESE	.3	1.2	.3									1.7	4.2
SE	.3	.4	.4	.2								1.2	1.3
SSE	.7	1.8	2.1	1.6								1.1	2.2
S	1.6	3.9	9.3	5.2	.1							23.1	2.2
SSW	.8	2.7	4.6	3.9	.4	.1						11.4	7.4
SW	.1	1.2	2.6	1.0	.3							5.3	2.0
WSW	.2	.9	.7	.7	.1							.6	2.4
W	.5	1.1	1.9	1.0								4.6	2.0
WNW	.1	.6	1.3	.3	.1							2.4	2.0
NW	.6	.9	.2	.3								2.5	2.7
NNW	1.0	1.0	2.4	1.0	.1							5.6	7.0
VARBL													
CALM												1.1	
	11.1	23.4	37.8	22.3	1.9	.1						100.0	

TOTAL NUMBER OF OBSERVATIONS 1000

UNITED STATES CLIMATE BUREAU
 WASHINGTON, D. C.
 1906-1907

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 FROM HOURLY OBSERVATIONS

1906-1907

YEARS APR. 15

STATION

7-5

YEARS

WIND

ALL WINDS

CONDITION

WIND DIRECTION	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	N	MEAN WIND SPEED
N	1.1	4.2	3.4	2.1							1.1	1.1
NNE	1.3	2.4	2.1	1.2	1.1						1.1	1.1
NF	1.3	1.7	1.1	1.1							1.1	1.1
ENE	.3	.6	.1	.1							1.1	1.1
E	.7	.6	.4								1.1	1.1
ESE	.3	.3									1.1	1.1
SE	1.3	2.3	.2	.4	1.1						1.1	1.1
SSE	2.3	2.7	2.2	.7							1.1	1.1
S	2.3	2.7	4.4	.2	1.1						1.1	1.1
SSW	4.3	3.3	1.1	.7							1.1	1.1
SW	1.3	1.1									1.1	1.1
WSW	.7	.4	.1								1.1	1.1
W	.7	.4	.4	.4							1.1	1.1
WNW	.3	.4	.2	.7	.2						1.1	1.1
NW	1.1	.3	.4								1.1	1.1
NNW	1.1	.3	.4								1.1	1.1
VARIABLE											1.1	1.1
CALM											1.1	1.1
	27.7	30.4	17.6	5.6	5.6						1.1	1.1

TOTAL NUMBER OF OBSERVATIONS

UNITED STATES CLIMATE BUREAU
 WASHINGTON, D. C.

1. OFFICE CLIMATOLOGY BRANCH
 WAFETAC
 WEATHER SERVICE/4AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

100000
 STATION

LYNN AFB TX

STATION NAME

73-82

YEARS

400
 NORTH

ALL WEATHER
 CLASS

1000-1000
 HOURS (L.S.T.)

CONDITION

SPEED KNTS. DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	1.4	2.8	2.9	.2							2.9	6.5
NNE	.2	1.0	1.8	1.9	.1							5.9	7.8
NE	1.1	.4	.4	.4								2.8	6.1
ENE	.5	.1	.3									1.6	4.7
E	.5	.6	.1	.1								1.3	4.5
ESE	.2	.7	.1									1.0	4.0
SE	.7	.9	.4		.2							2.2	6.1
SSE	1.9	2.6	2.0	1.7								2.2	7.0
S	4.7	5.5	5.6	4.9	.4							21.2	2.4
SSW	4.1	3.9	3.3	1.6	.4							15.2	6.4
SW	1.6	.6	.3	.3								2.8	5.3
WSW	1.3	.6	.1									2.0	3.6
W	1.2	.9	.2	.3								2.7	5.1
WNW	.8	1.0	.4	.7								2.9	5.7
NW	1.1	.2	.1	.1								2.2	3.5
NNW	1.2	.4	.3	.1								2.1	4.1
VARBL													
CALM												10.9	
	23.1	22.5	18.5	14.6	1.4							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

856

NAVY CLIMATOLOGY BRANCH
NAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

100561
STATION

UYESS AFB TX

STATION NAME

77-62

YEARS

NO. OF
OBS.

ALL WEATHER
CLASS

ALL
HOURS (L & T)

CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	2.2	4.2	3.5	.3	.5						11.7	6.7
NNE	.6	1.4	1.2	1.4	.2							2.3	2.4
NE	.5	.9	.2	.6	.7							2.7	2.1
ENE	.5	.5	.3	.1								1.4	1.4
E	.6	.7	.2	.1								1.7	1.7
ESE	.4	.6	.2	.0								1.2	1.7
SE	.7	.8	.5	.1	.7							1.2	1.5
SSE	1.2	1.8	2.0	1.1	.1	.7						1.2	7.2
S	3.5	4.5	5.5	4.6	.7	.1						1.0	2.0
SSW	2.3	2.3	3.5	3.1	.4	.0						11.7	2.6
SW	1.6	1.2	1.8	.9	.1							1.3	1.6
WSW	.9	.8	.8	.6	.0							1.1	1.7
W	1.2	1.2	1.0	.6	.1	.7						4.1	1.7
WNW	1.1	1.0	.9	.2	.1	.7						1.3	1.1
NW	1.0	.9	.8	.3	.0							1.0	1.8
NNW	1.2	1.2	1.3	.7	.0							4.3	1.0
VARBL													
CALM												13.6	
	15.7	21.8	25.7	17.6	2.2	.7						100.0	

TOTAL NUMBER OF OBSERVATIONS

7100

U.S. AIR FORCE CLIMATOLOGY BRANCH
AFSTAC
WEATHER SERVICE/ACG

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION WESS AFB TX STATION NAME WESS AFB TX YEARS 71-81 DATE 8-1-82
CLASS ALL WEATHER HOURS LISTED 1800-0000
CONDITION _____

SPEED KNTS. DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	3.0	3.7	4.1	.1							1.0	2.6
NNE	.4	.8	1.0	1.0	.1							1.2	5.0
NE	.1	.1	.2									.4	5.5
ENE	.1	.1	.1									.1	5.1
E	.1		.1									.2	5.8
ESE	.1	.1										.4	2.2
SE	.3	.2										.4	2.2
SSE	.0	1.2	.9	.4	.0							.4	7.0
S	3.1	5.1	5.3	5.2	.9							19.4	5.2
SSW	2.3	3.2	3.5	2.6	1.4							13.3	4.7
SW	2.5	2.2	2.3	1.6								5.7	4.5
WSW	2.2	.8	1.3	.8								4.4	4.1
W	1.6	1.5	1.2	.4								4.7	5.7
WNW	1.7	2.7	.4	.3	.1							5.2	4.8
NW	1.3	1.3	1.5	.2								4.3	5.2
NNW	1.0	2.6	1.0	.4								4.4	5.5
VARBL													
CALM												14.2	
	18.6	24.7	22.4	17.4	2.7							100.0	

TOTAL NUMBER OF OBSERVATIONS 673

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 200603 CYESS AFB TX STATION NAME 73-61 YEARS 50676
 ALL WEATHER
 CLIM
 CONDITION

SPEED KNT DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.7	4.3	4.0	.2							1.4	4.7
NNE	.5	.3	.9	.9	.2							.2	3.7
NE	.1	.2	.3									.2	3.2
ENE	.4	.2	.1									.4	4.4
E	.5	.1										.2	2.1
ESE	.1	.1										.2	3.1
SE	.2	.5										.3	3.7
SSE	.9	.6	.4	.3	.1							.4	3.7
S	3.2	2.6	4.3	4.0	1.0							1.3	4.7
SSW	2.8	2.2	4.1	4.5	.6							1.1	4.5
SW	2.3	2.7	1.4	1.5	.1							.3	6.1
WSW	1.2	1.1	1.1	1.2								.4	7.2
W	2.2	2.7	1.4	.5								.6	5.1
WNW	1.5	2.5	1.1	.2								.3	5.1
NW	1.3	1.9	1.0	.4								.4	5.2
NNW	1.3	1.5	1.9	.3	.2							.5	4.4
VARBL													
CALM												1.3	
	29.1	23.5	22.3	17.8	2.5							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE
 WEATHER SERVICE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

STATION NAME WYLL AFB TX STATION NAME 73-50 YEARS 1950-1959
 CLASS ALL WEATHER MONTH NOVEMBER
 CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.3	4.7	1.1	.7							10.3	5.0
NNE	.3	.5	.8	.5	.1							2.3	1.2
NE	.1	.5	.2									.9	.2
ENE	.1											.1	.1
E	.2											.2	.1
ESE													
SE	.8	.2	.3	.1								1.1	0.2
SSE	1.1	1.2	.8	.2								3.3	0.4
S	.3	3.4	4.3	1.3	.5							14.2	7.1
SSW	1.5	2.6	4.3	2.7	.8							11.5	0.7
SW	2.2	2.6	1.6	1.8								8.2	0.7
WSW	1.7	1.4	1.5	1.2								5.8	0.6
W	1.4	2.5	1.7	.2								5.8	0.7
WNW	1.2	2.7	1.5	.2								5.6	0.5
NW	1.7	2.5	.9									5.1	0.6
NNW	.5	1.4	1.2	.5	.2							4.3	2.0
VARBL													
CALM												17.1	
	17.3	24.9	21.6	14.9	1.9							50.3	

TOTAL NUMBER OF OBSERVATIONS 27

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/ IAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 125665 DYESS AFB TX STATION NAME 73-82 YEARS 0-6
ALL WEATHER CLIM
HOURS (LEAST)
CONDITION

SPEED KNTS; DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.4	4.2	6.6	1.3	.1						1.4	1.0
NNE	.1	1.1	1.5	1.5								4.2	3.4
NE	.4	1.0	.1	.1								1.0	4.5
ENE	.2	.1	.2									.5	5.6
E	.8	.4	.1									1.2	5.4
ESE	.4	.4										.5	6.1
SE	.3	.3	.9	.2								1.2	7.1
SSE	.8	.9	1.2	.8								1.1	7.1
S	1.2	2.0	4.2	4.0	1.6	.1						13.1	10.0
SSW	.6	1.2	3.0	4.6	.6							13.1	1.0
SW	1.6	1.6	2.4	3.2	.2							2.1	6.7
WSW	.6	1.0	2.2	2.5	.5							7.5	1.0
W	1.2	1.6	3.1	1.5	.3	.1						7.8	6.4
WNW	1.5	1.2	1.6	1.0								5.3	7.0
NW	.8	1.7	1.9	.6	.1							5.2	7.3
NNW	.8	1.6	3.2	1.3								6.3	7.1
VARBL													
CALM												1.7	
	12.5	19.7	10.5	28.1	4.7	.7						11.0	6.4

TOTAL NUMBER OF OBSERVATIONS 63

JOINT CLIMATELOGY BRANCH
 AFSTAC
 WEATHER SERVICE / MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

722565 STATION 2255 AFS IX STATION NAME 73-52 YEARS 0-50
 ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
 CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.2	6.3	6.2	1.3	.1						18.4	10.2
NNE	.3	1.0	1.9	1.6	.1							2.4	2.8
NE	.7	1.1	.5	.7								2.2	2.1
ENE	.5	1.2	.3									1.5	4.5
E	.2	.1	.2									.2	4.1
ESE	.5	.1										.2	2.0
SE	.3	.4	.6									1.4	2.6
SSE	.2	.3	1.5	.3								3.1	7.7
S	.1	1.7	4.1	4.0	1.6							11.5	11.2
SSW	.5	.6	2.6	5.1	1.1	.2						12.1	12.0
SW	.2	.3	3.2	4.1	.9							5.4	11.1
WSW	1.2	1.4	2.4	3.3	.2							2.5	9.3
W	.5	.5	2.7	2.3	.3	.2						6.6	10.6
WNW	.3	.3	1.7	1.5	.3	.1	.1					4.4	11.3
NW	.6	1.1	1.8	.9	.1	.1						4.6	2.6
NNW	1.2	2.0	2.6	2.3	.7							2.4	6.4
VARBL													
CALM													
	10.2	15.3	32.9	32.4	6.2	.8	.1					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 334

U.S. AIR FORCE CLIMATE/CLIMATE BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 22-605 CYCLES AFB IX YEAR 73-82 MONTH 01-12
 ALL WEATHER CLASS 0-110
 HOURS (L.S.T.)
 CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	4.1	7.2	4.2	8							1.6	6.2
NNE	.2	1.7	1.4	2.6	.5							1.5	5.4
NE	1.0	1.2	.9	.3								1.0	5.1
ENE	.3	.1	.9									1.2	5.4
E	.2	.6										1.3	5.4
ESE	.6	.6	.1									1.4	5.7
SE	.6	1.1	.1									1.6	5.1
SSE	.8	1.1	1.1	.4								3.2	7.1
S	.6	2.6	5.3	1.6	.4	.4						11.1	11.7
SSW	.2	1.8	4.5	1.9	.6	.4						11.1	11.7
SW	.4	1.4	3.5	2.6	.5	.1						4.6	11.0
WSW	.5	1.5	1.8	1.5	.3							5.6	10.7
W	.5	.4	2.6	.5	.2							4.5	10.3
WNW	.5	1.6	1.2	1.8	.1	.1						4.7	10.3
NW	.5	1.2	1.3	1.1	.1							4.2	10.1
NNW	1.0	1.4	1.7	1.3								5.4	10.0
VARBL													
CALM												.7	

TOTAL NUMBER OF OBSERVATIONS

U.S. NAVAL CLIMATOLOGY BRANCH
 USAFETAC
 WEATHER SERVICE, PAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME USAFETAC YEARS APR 1971 MONTH APR
 CLASS ALL WEATHER HOURS (L & T) 1800-0600
 CONDITION _____

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.3	4.2	4.3	2.7	.1							1.1	7.1
NNE	.2	1.5	3.5	2.8	.2							.2	9.4
NE	.4	.4	.2	.2	.1							1.1	7.7
ENE	.2	.9	.3									1.4	4.1
E	1.2	.5										1.2	3.2
ESE	.3	.2										.6	3.5
SE	.4	.5	.6									1.1	4.2
SSE	1.4	2.0	.9	.5								4.2	3.5
S	3.7	6.3	3.7	3.0	.2							17.4	7.1
SSW	4.1	4.4	1.8	1.3								11.6	4.4
SW	2.3	3.1	.3	.3								4.3	4.5
WSW	1.4	1.4	.6	.1								3.1	4.4
W	1.6	1.1	.1	.5	.1							3.4	3.2
WNW	1.3	1.0	.3	.2	.1							3.6	3.1
NW	.6	1.0	.4	.1								2.2	1.2
NNW	1.8	1.1	.9	.1								3.6	4.5
VARBL													
CALM												10.1	
	22.3	29.9	18.1	11.6	1.4							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 100

JOINT CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

622565
STATION

WYESS AFB TX

STATION NAME

73-62

YEARS

216
DAYS

ALL WEATHER
CLAS

132-2300
HOURS (LST)

CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	2.4	5.4	2.3	.2							11.7	4.2
NNE	.3	1.3	1.5	2.5	.2							3.0	5.0
NE	.3	.6	.3	.6								2.2	7.4
ENE	.2	.4										.5	3.7
E	.6	.3										1.3	1.0
ESE	.3	.2											
SE	.3	.5										.5	3.0
SSE	.9	1.8	1.0	.4	.1							4.0	4.0
S	4.3	4.1	4.5	4.5	1.2	.1						14.4	4.0
SSW	4.5	3.2	2.8	2.3	.8	.1						14.3	7.1
SW	3.8	2.2	1.0	.8	.1							1.7	4.2
WSW	1.3	1.5	.2	.6								.5	5.7
W	2.3	1.7	.9	.4								5.1	5.1
WNW	.6	.5	.4	.3								.5	3.0
NW	1.4	1.7	.5	.1								3.3	4.4
NNW	.9	1.7	.3		.2							3.1	5.0
VARBL													
CALM												14.3	
	22.4	25.4	18.9	14.8	2.0	.7						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

631

U.S. CLIMATE BUREAU
 WASHINGTON, D.C.
 CLIMATE SERVICE DIVISION

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME WHEELS AFB TX STATION NUMBER 72-62 YEARS 1951-1952 MONTH ALL
 CLASS ALL HOURS 0-24
 CONDITION ALL

WIND DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N	1.3	3.2	5.0	4.4	2.1	0.5						1.6
NNE	.4	1.1	1.6	1.7	.2							1.0
NE	.4	.6	.3	.2								1.0
ENE	.3	.4	.2									.9
E	.3	.3	.1									1.0
ESE	.3	.3	.2									1.0
SE	.3	.3	.3	.5								1.2
SSE	.3	1.2	1.6	.5	.1							1.0
S	2.4	3.2	4.4	4.5	1.2	.1						1.5
SSW	1.1	2.1	3.3	3.4	.2							1.5
SW	1.0	2.1	2.0	2.6	.2							1.5
WSW	1.2	1.2	1.5	1.9	.1							1.5
W	1.4	1.5	1.7	.8	.1							1.5
WNW	1.0	1.5	1.0	.7	.1							1.5
NW	1.0	1.5	1.2	.4	.0	.3						1.5
NNW	1.1	1.2	1.6	.2	.1							1.5
VARBL												
CALM												
	16.2	1.2	15.3	1.3	3.3	.2	.0					7.1

TOTAL NUMBER OF OBSERVATIONS 726

ALL DATA ARE FROM HOURLY OBSERVATIONS OF THE WIND ARE RESULTE

U.S. NAVAL CLIMATE CENTER
 1. NAME OF STATION/MACT

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

STATION NAME 72-83 YEARS 1955 AFD IX
 ALL FAIR CLASS FAIR HOURLY 100
 CONDITION

SPEED KNTS OR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.1	2.9	2.2	1.3	0.8	0.5					4.5	1.1
NNE	0.5	1.1	1.4	1.0	1.1	0.2						4.2	1.1
NE	0.5	0.9	1.0	0.4	0.3							4.1	1.0
ENE	0.6	0.2	0.6	0.2	0.2	0.2						4.1	1.0
E	0.8	1.0	0.7	0.3	0.5	0.3						4.2	1.1
ESE	0.5	1.0	0.7	0.2	0.7							4.5	1.1
SE	0.2	1.4	1.6	0.6	1.1	0.2						4.5	1.1
SSE	1.3	2.7	3.6	2.3	3.1	1.0	0.2					10.3	1.6
S	3.1	5.6	6.3	5.0	1.0	2.0	0.0					23.7	2.7
SSW	1.6	2.2	3.2	2.5	0.4	0.0	0.0					3.2	1.4
SW	1.1	1.2	1.4	0.5	0.1	0.2	0.0					4.2	1.3
WSW	0.5	0.8	0.8	0.5	0.1	0.0	0.0					2.8	1.1
W	0.8	1.0	0.9	0.6	0.1	0.1	0.0	0.0				3.1	1.2
WNW	0.6	0.7	0.6	0.3	0.1	0.1	0.0					2.3	1.1
NW	0.5	0.7	0.7	0.3	0.0	0.2	0.0					2.1	1.1
NNW	0.7	0.9	0.9	0.1	0.1	0.2	0.0					3.1	1.1
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 2441

U.S. CLIMATOLOGY BRANCH
ATLANTA
U.S. WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NO. 02405 YEARS APR 1911 STATION NAME CASTLETON YEARS 1911
STATION NO. 02405 YEARS APR 1911 STATION NAME CASTLETON YEARS 1911

CLASS CASTLETON
CONDITION SEA 200 TO 1400 FT W/ WSBY 1/2 MI OR MORE

AND/OR WSBY 1/2 TO 2-1/2 MI W/LIG 200 FT OR MORE

SPEED KNOTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	5.1	13.3	7.5	7	1						2.0	6.0
NNE	1.0	3.1	4.2	2.0	3							1.0	3.1
NE	1.1	2.1	2.9	.6	1							7.4	6.7
ENE	.9	1.5	1.5	.3								4.2	6.1
E	1.3	2.1	1.3	.4	2							3.1	2.2
ESE	.6	1.5	1.2	.2								1.2	2.2
SE	.4	1.2	1.4	.5	1							1.2	7.2
SSE	.7	1.7	2.7	1.8	.4							7.2	6.1
S	1.1	1.9	2.5	1.4	.3	1	.0					7.2	6.3
SSW	.5	.7	.8	.5	.0							6.1	7.1
SW	.4	.4	.2	.1								1.2	3.0
WSW	.5	.3	.1	.0								.7	1.0
W	.3	.4	.3	.4	.2	.1	.0	.3				1.7	1.0
WNW	.3	.4	.4	.3	.1	.1	.0					1.7	6.0
NW	.4	.5	1.0	.5	.1	.1						6.0	6.0
NNW	.5	1.5	2.3	1.4			.0					6.0	6.1
VARBL													
CALM												1.3	
	12.6	24.7	33.0	17.4	2.3	.5	.1	.0				10.0	7.0

TOTAL NUMBER OF OBSERVATIONS 100

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1963, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the ≥ 10 mi visibility category should be used with great caution.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	$\geq \frac{1}{16}$	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

JUNIOR CLIMATOLOGY BRANCH
AFATAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

740445 YFCS AFB TX

74-67

04

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-0000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
≥2000	65.3	65.5	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
1800	70.1	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
1600	70.1	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
1400	70.1	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
1200	70.1	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
1000	70.1	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
800	70.1	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
600	70.1	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
400	70.1	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
200	70.1	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
100	70.1	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
50	70.1	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
25	70.1	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
12	70.1	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
6	70.1	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
3	70.1	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
1	70.1	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
0	70.1	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

74-57

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2009-10

Abstract

41

44-38861-1000

התאריך: 10.10.2017

TOTAL NUMBER OF OBSERVATIONS 420

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10260
STATION

WYESS AFB TX

STATION NAME

74-87

142

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

10260-0001

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	57.6	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥20000	62.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥18000	63.1	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥16000	63.1	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥14000	63.3	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥12000	64.7	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥10000	65.2	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥8000	65.9	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥6000	66.7	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥4000	67.3	70.4	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥2000	67.6	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥1000	69.7	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥800	70.7	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥600	70.5	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥400	71.2	74.4	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥200	72.4	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥100	73.0	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥50	74.1	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥25	75.1	79.7	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥15	76.3	81.2	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥10	77.9	83.3	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥5	79.8	85.5	86.8	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥3	80.4	86.5	87.8	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥2	80.9	87.2	88.6	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥1	81.1	87.5	89.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥0.5	81.4	88.5	90.2	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥0.3	81.4	89.4	91.2	92.8	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥0.2	81.4	89.6	91.5	93.4	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥0.1	81.4	89.6	91.5	93.5	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥0.05	81.4	89.6	91.5	93.5	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥0.02	81.4	89.6	91.5	93.5	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥0.01	81.4	89.6	91.5	93.5	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1

TOTAL NUMBER OF OBSERVATIONS 976

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIPAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME
DUSS AFB TX

74-53

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

932-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
1000	53.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
900	61.3	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
800	62.3	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
700	62.4	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
600	63.7	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
500	64.3	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
400	66.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
300	66.5	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
200	67.1	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
100	69.5	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
50	69.9	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
0	70.4	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
1000	71.9	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
900	71.7	73.4	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
800	72.2	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
700	73.1	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
600	73.9	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
500	75.4	77.7	77.7	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
400	76.2	78.7	78.7	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
300	77.5	80.4	80.4	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
200	79.9	83.4	83.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
100	81.1	85.4	85.4	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
50	81.4	86.0	86.0	87.3	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
0	81.5	86.3	86.3	87.3	87.3	87.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
1000	81.6	86.7	86.7	88.6	88.6	88.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
900	81.7	87.6	87.6	89.6	89.6	89.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
800	81.9	88.2	88.2	91.2	91.2	91.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
700	81.9	88.2	88.2	91.2	91.2	91.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
600	81.9	88.2	88.2	91.2	91.2	91.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
500	81.9	88.2	88.2	91.2	91.2	91.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
400	81.9	88.2	88.2	91.2	91.2	91.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
300	81.9	88.2	88.2	91.2	91.2	91.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
200	81.9	88.2	88.2	91.2	91.2	91.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
100	81.9	88.2	88.2	91.2	91.2	91.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
0	81.9	88.2	88.2	91.2	91.2	91.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
 AFAT/ATAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72265

LYLE AFB TX

74-67

NA

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1999-1999

ELEVATION FEET	VISIBILITY STATUTE MILES															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
CEILING	56.3	57.0	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
20000	62.7	64.1	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
18000	64.1	65.2	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
16000	64.2	65.3	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
14000	65.3	66.3	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
12000	67.1	68.1	69.2	68.2	69.4	69.4	69.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
10000	68.4	69.7	69.8	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
8000	69.9	70.1	70.2	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
6000	70.1	71.5	71.6	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
4000	70.3	72.3	72.4	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
2000	71.2	72.6	72.8	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
1000	72.5	73.9	74.1	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
500	73.4	74.8	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
0	74.1	75.5	75.7	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
10000	74.5	76.1	76.2	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
8000	74.8	76.3	76.6	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
6000	75.7	77.2	77.5	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
4000	77.4	79.2	79.6	80.0	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
2000	79.1	80.1	80.3	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
1000	80.7	82.4	82.8	83.2	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
500	82.3	84.8	85.3	85.9	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
0	83.4	86.5	87.4	88.1	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
10000	83.9	87.4	88.1	89.1	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
8000	84.3	88.2	88.8	89.0	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
6000	84.3	88.6	89.4	90.0	91.2	91.3	91.4	91.5	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9
4000	84.4	89.2	90.1	92.2	92.7	92.8	93.3	93.9	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4
2000	84.4	89.6	90.6	93.0	93.8	93.9	94.7	95.4	96.0	96.2	96.5	96.5	96.5	96.5	96.5	96.5
1000	84.4	89.9	91.1	93.3	94.5	94.6	95.6	96.3	97.1	97.5	97.7	97.8	97.8	97.8	97.8	97.8
500	84.4	89.9	91.0	93.4	94.6	94.7	95.7	96.9	98.1	98.7	98.9	99.1	99.1	99.2	99.2	99.2
0	84.4	89.9	91.0	93.4	94.6	94.7	95.7	96.9	98.2	99.0	99.5	99.7	99.7	99.9	100.0	100.0
10000	84.4	89.9	91.0	93.4	94.6	94.7	95.7	96.9	98.2	99.0	99.5	99.7	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

202567 DYES AFB TX

74-07

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1540-1120

CEILING FEET	VISIBILITY STATISTICAL															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	55.7	57.5	57.6	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
1-2000	55.8	57.7	57.8	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
2-1800	56.2	58.2	58.3	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
3-1600	56.5	58.5	58.6	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
4-1400	57.4	59.4	59.5	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
5-1200	60.6	71.5	71.6	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
6-1000	71.4	73.3	73.4	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
7-800	71.6	73.5	73.7	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
8-600	73.7	75.8	75.9	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
9-400	74.4	76.6	76.7	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
10-200	74.7	76.9	77.0	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
11-100	76.1	78.5	78.7	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
12-50	77.2	79.6	79.8	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
13-25	78.2	80.6	81.0	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
14-10	78.4	81.1	81.3	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
15-5	78.5	81.2	81.5	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
16-0	79.3	82.6	82.9	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
17-0	81.2	84.0	84.4	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
18-0	81.8	84.6	85.1	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
19-0	83.1	86.1	86.7	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
20-0	84.4	88.3	88.8	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
21-0	84.9	89.8	90.3	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
22-0	85.3	90.2	90.9	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
23-0	85.6	90.5	91.3	92.0	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
24-0	85.8	90.9	91.6	92.7	93.7	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
25-0	85.9	91.4	92.4	94.1	94.8	94.9	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
26-0	85.9	91.8	92.8	94.5	95.4	95.5	96.1	96.7	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6
27-0	85.9	91.8	92.8	94.6	95.6	95.8	96.7	97.5	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8
28-0	85.9	91.8	92.8	94.6	95.6	95.8	96.7	97.5	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8
29-0	85.9	91.8	92.8	94.6	95.6	95.8	96.7	97.5	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8
30-0	85.9	91.8	92.8	94.6	95.6	95.8	96.7	97.5	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

USAF CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-1-65

WFS APP TV

74-57

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

15-7-100

ELEVATION FEET	VISIBILITY - STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
20000	57.8	59.4	59.7	61.0	62.7	64.2	65.7	67.2	68.7	69.2	69.2	69.2	69.2	69.2	69.2	69.2
18000	65.3	69.7	71.0	72.3	73.5	74.5	75.5	76.5	77.5	78.5	79.5	79.5	79.5	79.5	79.5	79.5
16000	69.9	70.3	70.3	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
14000	68.8	71.3	70.5	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
12000	69.9	71.4	71.7	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
10000	70.7	72.4	72.7	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
8000	73.4	75.1	75.4	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
6000	73.9	75.5	75.6	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
4000	76.6	78.2	78.5	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
2000	77.1	79.6	79.9	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
1000	77.3	79.9	79.2	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
500	78.1	80.0	80.3	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
0	79.7	80.6	81.7	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
20000	79.9	81.6	82.2	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
18000	80.0	82.0	82.4	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
16000	80.2	83.3	83.7	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
14000	81.6	84.1	84.4	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
12000	83.4	85.9	86.3	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
10000	83.9	86.3	86.8	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
8000	84.7	87.2	87.6	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
6000	85.4	88.6	89.1	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
4000	85.5	89.1	89.3	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
2000	85.7	89.5	90.4	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
1000	86.1	90.4	91.4	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
500	86.2	90.5	91.5	92.4	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
20000	86.3	91.1	92.7	93.4	93.7	93.7	94.5	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8
18000	86.9	91.3	92.5	93.8	94.5	94.6	95.9	96.2	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0
16000	86.9	91.3	92.5	93.9	94.8	95.1	96.8	97.4	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4
14000	86.5	91.4	92.7	94.1	95.1	95.3	97.1	98.0	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8
12000	86.9	91.4	92.7	94.1	95.1	95.3	97.1	98.0	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9
10000	86.9	91.4	92.7	94.1	95.1	95.3	97.1	98.0	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0
8000	86.5	91.4	92.7	94.1	95.1	95.3	97.1	98.0	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

772855

WEATHER APP TY

74-17

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1-1-2400

CEILING FEET	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
1000	62.4	64.1	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
900	70.4	71.6	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
800	73.4	71.0	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
700	77.5	71.7	71.9	72.4	72.0	72.5	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
600	71.0	72.2	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
500	71.4	72.6	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
400	73.4	74.6	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
300	73.4	74.6	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
200	75.1	75.2	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
100	75.4	77.1	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
50	77.3	78.8	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
40	77.5	79.1	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
30	78.3	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
20	79.6	80.4	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
10	79.4	81.4	81.8	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
5	79.9	81.9	82.4	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
0	82.2	84.9	85.4	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
95	82.5	85.4	85.8	86.0	86.0	86.0	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
90	83.2	86.1	86.5	86.7	86.7	86.7	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
85	83.9	86.8	87.2	87.5	87.5	87.5	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
80	84.5	88.1	88.6	88.9	88.9	88.9	88.9	89.0	89.0	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5
75	84.3	88.9	89.6	90.0	90.0	90.0	90.0	90.1	90.4	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.6
70	85.1	90.1	90.2	91.2	91.2	91.3	91.3	91.3	91.9	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2
65	85.4	90.9	91.5	92.0	92.0	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.7	92.7	92.7	92.7	92.7
60	85.4	90.9	91.6	92.5	92.5	92.7	92.8	92.8	93.2	93.5	93.7	93.7	93.8	93.8	93.8	93.8	93.8
55	85.4	91.2	91.9	92.9	93.5	93.7	94.3	94.7	95.2	95.3	95.7	95.7	95.9	95.9	95.9	95.9	95.9
50	85.4	91.5	92.4	93.7	94.4	94.5	95.4	96.3	96.8	96.9	97.4	97.4	97.6	97.6	97.6	97.6	97.6
45	85.4	91.6	92.5	93.8	94.6	94.7	96.0	97.0	98.0	98.2	98.7	98.7	98.9	98.9	98.9	98.9	98.9
40	85.4	91.6	92.5	93.8	94.6	94.7	96.1	97.1	98.2	98.5	99.0	99.0	99.2	99.2	99.2	99.2	99.2
35	85.4	91.6	92.5	93.8	94.6	94.7	96.1	97.1	98.2	98.5	99.0	99.0	99.1	99.5	99.5	99.5	99.5
30	85.4	91.6	92.5	93.8	94.6	94.7	96.1	97.1	98.2	98.5	99.0	99.0	99.1	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

530

CENTRAL CLIMATOLOGY BRANCH
 AFM-100
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME
 DATE

24-67

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

ALL

CEILING	20	26	31	34	37	41	45	49	53	57	61	65	69	73	77	81	85	89	93	97	100
0-50	58.5	58.1	60.7	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
50-60	56.4	57.8	60.7	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
60-70	56.5	57.9	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
70-80	67.2	68.6	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
80-90	69.3	69.7	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
90-100	69.9	71.4	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
100-110	70.1	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
110-120	71.3	73.4	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
120-130	72.4	74.1	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
130-140	72.7	74.3	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
140-150	74.1	75.7	75.3	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
150-160	74.5	76.3	76.6	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
160-170	75.1	77.2	77.8	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
170-180	75.7	77.8	77.1	78.3	79.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
180-190	76.4	78.7	79.1	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
190-200	77.3	79.7	80.1	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
200-210	79.9	81.7	82.2	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
210-220	79.4	82.2	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
220-230	80.3	83.9	84.5	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
230-240	82.3	85.3	85.9	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
240-250	83.3	87.4	88.2	88.6	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
250-260	83.7	88.1	89.0	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
260-270	84.7	88.7	89.7	90.3	90.6	90.7	90.8	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
270-280	84.1	89.1	90.1	90.9	91.3	91.3	91.5	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
280-290	84.2	89.7	90.9	92.0	92.5	92.5	92.9	93.3	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
290-300	84.3	90.2	91.5	92.9	93.7	93.7	94.4	94.9	95.3	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
300-310	84.3	90.3	91.7	93.4	94.4	94.6	95.4	96.2	96.8	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
310-320	84.3	90.4	91.8	93.5	94.7	94.9	95.9	96.9	97.7	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
320-330	84.3	90.4	91.8	93.5	94.7	94.9	95.9	96.9	97.7	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
330-340	84.3	90.4	91.8	93.5	94.7	94.9	95.9	96.9	97.7	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
340-350	84.3	90.4	91.8	93.5	94.7	94.9	95.9	96.9	97.7	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME
OVERS AFB TX

74-11

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1957-1961

ELEVATION (FEET)		VISIBILITY (STATUTE MILES)																			
20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	
0-10	66.0	67.7	67.0	65.4	65.6	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	
10-20	70.4	72.2	72.5	72.9	73.0	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	
20-30	70.9	72.7	72.9	73.4	73.6	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	
30-40	70.9	72.7	72.9	73.4	73.6	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	
40-50	71.2	72.9	73.2	73.6	73.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	
50-60	71.7	73.5	73.8	74.2	74.5	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	
60-70	71.7	73.5	73.8	74.2	74.5	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	
70-80	73.1	75.1	75.3	75.8	76.0	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	
80-90	73.2	75.2	75.4	75.9	76.1	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	
90-100	73.5	75.6	76.0	76.5	76.7	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	
100-110	74.3	76.6	76.8	77.3	77.5	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	
110-120	75.1	77.3	77.5	78.0	78.2	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	
120-130	75.4	77.7	77.9	78.4	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	
130-140	76.1	78.4	78.6	79.1	79.3	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	
140-150	76.5	78.8	79.1	79.6	79.8	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	
150-160	77.1	79.3	79.6	80.0	80.2	80.2	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	
160-170	78.7	81.2	81.6	82.0	82.3	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	
170-180	79.1	81.7	82.0	82.5	82.7	82.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	
180-190	80.4	83.2	83.6	84.0	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	
190-200	81.2	84.6	85.0	85.5	85.7	85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	
200-210	81.8	86.2	86.6	87.1	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	
210-220	82.4	87.2	87.7	88.2	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	
220-230	82.7	87.7	88.2	88.7	88.9	88.9	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	
230-240	82.9	87.7	88.4	89.1	89.4	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	
240-250	82.5	87.9	88.7	89.5	89.7	89.7	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	
250-260	82.8	88.6	90.2	91.3	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	
260-270	82.8	89.5	91.1	92.4	92.8	92.8	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
270-280	82.7	89.7	91.5	93.1	93.7	93.7	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	
280-290	82.7	90.0	91.7	93.4	94.0	94.0	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	
290-300	82.7	90.0	91.7	93.4	94.0	94.0	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	
300-310	82.7	90.0	91.7	93.4	94.0	94.0	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	

TOTAL NUMBER OF OBSERVATIONS 146

AL CLIMATOLOGY BRANCH
 TAC
 AIR WEATHER SERVICE/AN

CEILING VERSUS VISIBILITY

FORM 1-60 (REV. 1-60)

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1-60-1000

CEILING	20	26	32	38	44	50	56	62	68	74	80	86	92	98	100
1000	3.4	64.7	64.9	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
900	67.4	69.5	69.7	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
800	68.1	69.9	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
700	68.1	69.9	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
600	68.1	69.9	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
500	68.1	69.9	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
400	68.1	69.9	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
300	68.1	69.9	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
200	68.1	69.9	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
100	68.1	69.9	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
50	68.1	69.9	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
25	68.1	69.9	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
12	68.1	69.9	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
6	68.1	69.9	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
3	68.1	69.9	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
1	68.1	69.9	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
0	68.1	69.9	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6

TOTAL NUMBER OF OBSERVATIONS 100

USAF ETAC 0-14-5 IOL AT PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

• • •

1000

TOTAL NUMBER OF OBSERVATIONS 4

TABLE 1. *Summary of the 1997-1998 season. The number of fish collected in each of the 100 100-m² plots was divided by the number of plots in which the species was collected to give the mean number of fish per plot. The number of fish collected in each of the 100 100-m² plots was divided by the number of plots in which the species was collected to give the mean number of fish per plot.*

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

102467

UYESS AFB TX

74-87

STATION NAME

YEAR

FILE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-1400

CEILING FEET	VISIBILITY - STATUTE MILES															
	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
NO RECORD	57.8	59.7	59.9	59.8	60.2	60.3	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.6	60.6
10000	56.1	58.1	58.2	58.2	58.7	58.8	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.1	59.1	59.1
9000	67.1	69.0	69.1	69.1	69.6	69.7	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.1	70.1	70.1
8000	67.7	69.0	69.1	69.1	69.6	69.7	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.1	70.1	70.1
7000	68.2	70.2	70.3	70.3	70.8	70.9	71.0	71.0	71.0	71.0	71.2	71.2	71.2	71.3	71.3	71.3
6000	69.3	71.4	71.5	71.5	72.0	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.5	72.5	72.5
5000	70.3	72.6	72.7	72.7	73.2	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.6	73.6	73.6
4000	70.4	72.7	72.8	72.8	73.3	73.4	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.8	73.8	73.8
3000	71.2	73.4	73.5	73.5	74.0	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.5	74.5	74.5
2000	71.5	73.6	73.9	73.9	74.3	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.8	74.8	74.8
1000	71.5	74.2	74.5	74.5	74.9	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3
500	71.5	74.3	74.5	74.5	74.9	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.4	75.4	75.4
200	71.7	74.6	74.7	74.7	75.2	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.7	75.7	75.7
100	72.3	75.3	75.4	75.4	75.9	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.4	76.4	76.4
50	72.7	75.7	75.8	75.8	76.2	76.4	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.7	76.7	76.7
20	74.5	77.4	77.5	77.5	78.0	78.1	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.5	78.5	78.5
10	75.3	78.7	78.8	78.8	79.3	79.4	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8
5	78.1	81.0	81.1	81.1	81.6	81.7	81.8	81.8	81.8	81.9	81.9	81.9	81.9	82.0	82.0	82.0
2	79.2	82.2	82.3	82.3	82.7	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.2	83.2	83.2
1	80.3	83.6	83.9	83.9	84.4	84.5	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.9	84.9	84.9
0.5	82.2	86.9	87.4	87.4	87.8	87.9	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.3	88.3	88.3
0.2	83.3	89.1	89.6	89.6	90.1	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.5	90.5	90.5
0.1	83.7	89.7	90.4	90.4	91.1	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.6	91.6	91.6
0.05	84.1	90.5	91.4	91.5	92.2	92.3	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.9	92.9	92.9
0.02	84.1	91.4	93.3	93.1	94.0	94.1	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.7	94.7	94.7
0.01	84.0	91.7	93.7	94.2	95.4	95.9	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.7	96.7	96.7
0.005	84.3	92.4	94.5	95.3	96.5	97.0	98.0	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7
0.002	84.3	92.4	94.6	95.3	96.5	97.0	98.2	98.8	98.8	98.9	98.9	98.9	98.9	99.1	99.1	99.1
0.001	84.3	92.4	94.6	95.3	96.5	97.0	98.3	99.1	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6
0.0005	84.3	92.4	94.6	95.3	96.5	97.0	98.3	99.1	99.3	99.5	99.8	99.8	99.8	99.9	99.9	99.9
0.0002	84.3	92.4	94.6	95.3	96.5	97.0	98.3	99.1	99.3	99.5	99.8	99.8	99.8	99.9	99.9	99.9
0.0001	84.3	92.4	94.6	95.3	96.5	97.0	98.3	99.1	99.3	99.5	99.8	99.8	99.8	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 246

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR FATHER SERVICE/AC

CEILING VERSUS VISIBILITY

2-24-65 YES/NO AFF IV

74-67

5-1

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1000-1700

CEILING FEET	VISIBILITY IN MILES															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
25000	50.3	51.0	61.3	61.5	61.6	61.9	62.0	62.1	62.2	62.2	62.3	62.3	62.3	62.4	62.5	62.5
24000	66.7	71.8	71.1	71.3	71.4	71.7	72.2	72.1	72.3	72.3	72.4	72.4	72.4	72.4	72.5	72.5
23000	69.5	71.7	71.9	72.1	72.3	72.5	72.6	73.0	73.1	73.1	73.2	73.2	73.2	73.3	73.3	73.3
22000	69.5	71.7	71.9	72.1	72.3	72.5	72.6	73.0	73.1	73.1	73.2	73.2	73.2	73.3	73.3	73.3
21000	70.1	72.4	72.6	72.8	73.0	73.2	73.5	73.7	73.8	73.8	73.9	73.9	73.9	74.0	74.0	74.0
20000	70.7	73.1	73.4	73.7	73.8	74.0	74.4	74.5	74.6	74.6	74.7	74.7	74.7	74.8	74.9	74.9
19000	73.3	76.0	76.4	76.6	76.7	77.0	77.3	77.4	77.7	77.7	77.8	77.8	77.8	77.9	77.9	77.9
18000	73.3	76.0	76.4	76.6	76.7	77.0	77.3	77.4	77.7	77.7	77.8	77.8	77.8	77.9	77.9	77.9
17000	73.7	76.6	77.1	77.2	77.3	77.6	77.9	78.0	78.3	78.3	78.4	78.4	78.5	78.5	78.6	78.6
16000	74.3	77.2	77.6	77.8	77.9	78.2	78.5	78.6	78.9	78.9	79.0	79.0	79.0	79.1	79.1	79.1
15000	74.5	77.6	78.1	78.3	78.4	78.6	79.0	79.1	79.3	79.3	79.5	79.5	79.5	79.6	79.6	79.6
14000	74.7	77.8	78.3	78.5	78.6	78.9	79.2	79.3	79.6	79.6	79.7	79.7	79.7	79.8	79.8	79.8
13000	75.1	78.4	78.9	79.1	79.2	79.5	79.8	79.9	80.2	80.2	80.3	80.3	80.3	80.4	80.4	80.4
12000	75.7	79.1	79.5	79.7	79.8	80.0	80.4	80.5	80.8	80.8	80.9	80.9	80.9	81.0	81.0	81.0
11000	76.4	79.7	80.2	80.4	80.5	80.8	81.1	81.1	81.5	81.5	81.6	81.6	81.6	81.7	81.7	81.7
10000	77.1	80.4	80.9	81.1	81.2	81.5	81.8	81.9	82.2	82.2	82.3	82.3	82.3	82.4	82.4	82.4
9000	77.2	81.7	81.8	82.5	82.6	82.9	83.2	83.4	83.6	83.6	83.7	83.7	83.7	83.8	83.8	83.8
8000	77.7	83.9	84.5	85.0	85.1	85.4	85.7	85.8	86.1	86.1	86.2	86.2	86.2	86.3	86.3	86.3
7000	80.5	84.4	85.2	85.5	85.6	85.8	86.2	86.3	86.5	86.5	86.7	86.7	86.7	86.8	86.8	86.8
6000	81.3	86.2	87.1	87.2	87.4	87.6	88.0	88.1	88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.5
5000	83.1	88.8	89.7	90.0	90.1	90.3	90.7	90.8	91.0	91.0	91.1	91.1	91.1	91.3	91.3	91.3
4000	83.4	90.0	91.1	91.4	91.5	91.7	92.1	92.2	92.4	92.4	92.6	92.6	92.6	92.7	92.7	92.7
3000	84.1	90.4	91.4	92.2	92.3	92.6	92.9	93.0	93.3	93.3	93.4	93.4	93.4	93.5	93.5	93.5
2000	84.1	90.9	92.3	92.8	92.9	93.2	93.5	93.6	93.9	94.0	94.1	94.1	94.1	94.2	94.2	94.2
1000	84.3	91.1	93.1	93.5	93.7	94.1	94.5	94.6	94.8	94.9	95.0	95.0	95.0	95.2	95.2	95.2
0000	84.3	91.7	93.9	94.5	95.0	95.3	95.7	96.1	96.3	96.6	96.7	96.7	96.7	96.8	96.8	96.8
0000	84.3	92.2	94.3	95.2	95.7	96.0	96.7	97.0	97.4	97.8	97.9	97.9	97.9	98.0	98.0	98.0
0000	84.3	92.3	94.5	95.6	96.3	96.6	97.3	98.1	98.7	99.2	99.3	99.3	99.3	99.4	99.4	99.4
0000	84.3	92.3	94.5	95.6	96.5	96.7	97.4	98.2	99.1	99.6	99.8	99.8	99.8	99.9	99.9	99.9
0000	84.3	92.3	94.5	95.6	96.5	96.7	97.4	98.2	99.1	99.6	99.8	99.8	99.8	99.9	99.9	99.9
0000	84.3	92.3	94.5	95.6	96.5	96.7	97.4	98.2	99.1	99.6	99.8	99.8	99.8	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 697

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
USAF ETAC
ATTN: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

702650 LIVERMORE AFB TX

74-97

646

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

44-2-2-00

		VISIBILITY STATE IN MILES															
		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1.0	64.2	64.7	64.7	64.9	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
1.5	71.0	72.7	72.1	72.3	72.8	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
2.0	72.3	77.2	73.3	73.5	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
2.5	72.3	77.2	73.3	73.5	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
3.0	73.3	74.1	74.2	74.5	74.9	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
3.5	74.9	75.9	76.4	76.7	76.7	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
4.0	77.0	77.9	78.3	78.5	79.0	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
4.5	77.8	77.7	79.1	79.3	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
5.0	77.9	77.9	79.2	79.4	79.9	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
5.5	78.3	79.4	79.8	81.0	80.5	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
6.0	81.7	81.3	81.6	82.0	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
6.5	81.6	82.3	82.6	82.9	83.3	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
7.0	82.4	82.4	82.7	83.0	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
7.5	82.7	83.1	83.3	83.6	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
8.0	83.7	84.0	84.4	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
8.5	84.4	85.6	85.9	86.3	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
9.0	85.5	85.7	86.1	86.4	86.9	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
9.5	86.3	87.5	87.9	88.3	88.8	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
10.0	87.6	88.9	89.4	89.7	90.2	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
10.5	88.6	90.4	91.1	91.5	92.0	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
11.0	89.2	91.7	91.8	92.2	92.7	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
11.5	89.7	91.5	92.6	92.9	93.4	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
12.0	90.2	92.1	93.1	93.5	94.0	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
12.5	91.7	92.6	93.7	94.1	94.6	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
13.0	91.3	93.4	94.9	95.6	96.2	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
13.5	91.5	93.7	95.5	96.3	96.8	98.0	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
14.0	91.5	93.9	95.6	96.3	96.9	98.2	98.8	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
14.5	91.5	93.9	95.6	96.3	96.9	98.2	98.8	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
15.0	91.5	93.9	95.6	96.3	96.9	98.2	98.8	98.8	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 646

CLIMATE CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/VAC

CEILING VERSUS VISIBILITY

7-20-55

YEARS AFB TX

74-87

FLS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1-5-5470

CEILING FEET	VISIBILITY - STATUTE MILES															
	25	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
1000	67.5	69.3	69.9	69.9	71.1	71.1	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6
800	72.3	74.8	75.7	75.7	75.9	75.9	75.2	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4
600	73.3	75.4	76.2	76.2	76.5	76.5	76.8	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0
400	73.3	75.5	76.4	76.4	76.6	76.6	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1
200	74.3	76.6	77.4	77.4	77.7	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
100	75.1	77.5	78.5	78.5	78.7	78.7	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
50	75.3	78.3	79.2	79.2	79.4	79.4	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
25	75.3	78.3	79.2	79.2	79.4	79.4	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
10	76.6	79.1	80.0	80.0	80.3	80.3	80.7	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9
5	76.7	79.2	80.1	80.1	80.4	80.4	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
2	77.1	79.6	80.5	80.5	80.7	80.7	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
1	77.3	79.9	80.9	80.9	81.1	81.1	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
0.5	77.3	80.4	81.7	81.3	81.6	1.6	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2
0.2	78.1	81.2	82.2	82.2	82.4	82.4	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
0.1	78.4	81.4	82.4	82.4	82.6	82.6	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
0.05	79.1	82.2	83.1	83.1	83.3	83.3	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
0.02	79.4	82.7	83.3	83.8	84.0	84.0	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
0.01	80.1	83.5	84.5	84.6	84.9	84.9	85.3	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5
0.005	80.6	84.2	85.2	85.3	85.6	85.6	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
0.002	81.9	85.5	86.5	86.6	86.9	86.9	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
0.001	82.6	86.5	87.7	87.8	88.1	88.1	88.5	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7
0.0005	83.1	87.2	88.9	89.2	89.5	89.6	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
0.0002	83.5	88.2	89.6	90.2	90.5	90.7	91.1	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
0.0001	83.5	88.9	90.8	91.4	91.8	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
0.00005	83.7	89.5	91.4	92.1	92.4	92.6	93.0	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
0.00002	83.7	89.8	92.1	92.7	93.0	93.1	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
0.00001	83.4	90.2	92.6	93.4	94.1	94.2	94.9	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
0.000005	84.0	90.9	93.9	95.0	95.7	95.9	97.0	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
0.000002	84.3	91.1	94.1	95.3	96.0	96.1	97.4	97.9	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
0.000001	84.3	91.1	94.2	95.5	96.2	96.3	97.8	98.5	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3
0.0000005	84.2	91.1	94.2	95.5	96.2	96.3	97.8	98.5	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3
0.0000002	84.3	91.1	94.2	95.5	96.2	96.3	97.8	98.5	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 986

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

702 65 LYEES AFB TX

74-67

5-5

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	20	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	61.4	62.9	63.2	63.4	63.5	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
2-20000	67.2	69.4	69.9	70.0	70.2	70.3	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6
2-8000	67.2	70.1	70.5	70.7	70.9	71.0	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3
2-5000	67.2	70.1	70.5	70.7	70.9	71.0	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.4
2-4000	69.6	70.9	71.3	71.5	71.7	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1
2-3000	69.5	71.9	72.3	72.5	72.7	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1
2-2000	71.7	73.2	73.6	73.8	74.0	74.1	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5
2-1500	70.8	73.2	73.6	73.9	74.0	74.1	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5
2-1000	71.3	74.3	74.8	75.0	75.2	75.3	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7
2-750	72.1	74.7	75.2	75.4	75.6	75.7	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.1
2-500	72.3	75.1	75.6	75.8	76.0	76.1	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5
2-400	72.9	75.7	76.2	76.5	76.7	76.8	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
2-300	73.3	76.3	76.7	77.0	77.2	77.3	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.7
2-200	73.3	76.9	77.4	77.6	77.8	77.9	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3
2-150	74.2	77.3	77.8	78.1	78.2	78.3	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
2-100	75.1	78.1	78.6	78.8	79.0	79.1	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5
2-75	75.7	78.9	79.5	79.7	79.9	80.0	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4
2-50	77.4	80.7	81.3	81.6	81.8	81.9	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3
2-40	77.3	81.3	81.9	82.2	82.4	82.5	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9
2-30	79.1	82.9	83.5	83.8	84.0	84.1	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5
2-20	80.3	84.8	85.5	85.9	86.1	86.2	86.4	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.7
2-15	80.9	86.2	87.2	87.6	87.9	88.0	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.5
2-10	81.3	87.3	88.5	88.9	89.3	89.5	89.7	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	90.0
2-7.5	81.5	88.2	89.6	90.2	90.5	90.7	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.3	91.3
2-5	81.6	88.7	90.4	91.1	91.5	91.7	92.0	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.4
2-4	81.7	89.2	91.2	92.1	92.6	92.9	93.3	93.5	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.9
2-3	81.4	89.9	92.3	93.4	94.2	94.6	95.2	95.6	95.7	95.8	95.9	95.9	95.9	96.0	96.0	96.0
2-2	81.9	90.2	92.8	94.0	94.9	95.3	96.1	96.7	96.9	97.1	97.2	97.2	97.2	97.3	97.3	97.3
2-1.5	81.9	90.3	93.0	94.3	95.2	95.7	96.8	97.6	97.8	98.1	98.4	98.4	98.4	98.4	98.4	98.5
2-1	81.9	90.4	93.0	94.4	95.3	95.8	97.0	97.9	98.2	98.6	99.0	99.0	99.0	99.1	99.1	99.2
2-0.75	81.9	90.4	93.0	94.4	95.3	95.8	97.0	97.9	98.2	98.6	99.0	99.0	99.0	99.1	99.1	99.2

TOTAL NUMBER OF OBSERVATIONS 6769

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE / AC

CEILING VERSUS VISIBILITY

STATION 05 CEISS AFB TX

74-67

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-000

CEILING FEET	VISIBILITY - STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. REPORTED	65.4	66.6	66.6	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
20000	73.2	74.6	74.6	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
18000	73.9	74.9	74.9	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
16000	73.9	75.3	75.3	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
14000	74.4	75.9	75.9	76.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
12000	75.6	77.1	77.1	77.5	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
10000	76.9	78.4	78.4	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
9000	76.6	78.5	78.5	79.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
8000	77.1	79.2	79.2	79.9	80.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
7000	77.3	79.5	79.5	80.1	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
6000	78.1	80.3	80.3	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
5000	79.4	81.8	81.8	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
4500	80.7	82.6	82.6	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
4000	80.6	83.2	83.2	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
3500	81.9	84.7	84.7	85.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
3000	82.3	85.6	85.6	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
2500	84.5	87.6	87.6	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
2000	86.1	89.6	89.7	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
1800	87.3	91.5	91.8	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
1600	88.2	92.6	92.8	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
1400	88.5	93.5	94.1	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
1200	88.6	94.1	94.5	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
1000	88.6	94.3	94.7	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
900	88.6	94.6	95.2	95.9	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
800	88.7	94.7	95.6	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
700	88.7	95.3	96.2	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
600	88.7	95.4	96.3	97.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
500	88.8	95.6	96.6	98.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
450	88.1	95.6	96.6	98.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
400	88.8	95.6	96.6	98.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
350	88.8	95.6	96.6	98.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72-05
STATION NAME

LEVELS ABOVE

74-27

MA

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1950-1959

ELEVATION FEET	VISIBILITY STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
1000	61.2	62.8	67.0	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
900	62.7	72.4	72.2	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
800	71.5	72.9	73.0	73.2	73.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
700	73.3	73.1	73.2	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
600	71.1	73.7	73.4	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
500	72.4	74.7	74.4	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
400	74.7	76.3	76.5	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
300	74.1	76.3	76.5	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
200	74.4	76.9	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
100	74.4	77.1	77.2	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
0	74.5	77.8	77.0	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
1000	76.3	79.7	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
900	77.1	80.3	80.4	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
800	78.1	81.6	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
700	79.7	82.8	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
600	80.7	83.5	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
500	82.2	86.3	86.6	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
400	84.1	88.5	88.8	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
300	85.1	89.6	89.9	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
200	86.7	90.6	91.1	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
100	86.7	91.5	91.9	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
0	87.3	92.5	92.9	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
1000	87.4	92.9	93.3	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
900	87.5	93.2	93.7	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
800	87.5	93.8	94.2	94.7	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
700	87.6	94.3	94.8	95.5	95.9	95.9	96.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
600	87.6	94.7	95.4	96.7	97.2	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
500	87.6	95.3	95.9	97.3	98.7	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
400	87.4	95.3	96.0	97.4	98.2	98.5	98.8	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4
300	87.6	95.3	96.0	97.4	98.2	98.6	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
200	87.6	95.3	96.0	97.4	98.2	98.6	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
100	87.6	95.3	96.0	97.4	98.2	98.6	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
0	87.6	95.3	96.0	97.4	98.2	98.6	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 972

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAF ETAC
ATTN: FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

202256

YE'S AFF TY

74-57

USAF

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1500-1500

HEIGHT FEET		VISIBILITY MILES															
		200	20	20	24	24	24	24	24	24	24	24	24	24	24	24	24
1000	1000	3.3	55.7	58.7	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
900	900	3.3	60.1	66.1	66.1	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
800	800	4.1	66.2	64.2	67.3	67.2	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
700	700	4.4	67.2	67.2	67.3	67.3	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
600	600	5.7	68.5	67.5	69.6	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
500	500	6.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
400	400	7.0	73.0	73.0	73.1	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
300	300	7.2	73.2	73.2	73.3	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
200	200	7.1	74.6	74.6	74.7	74.7	74.8	74.8	74.8	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1
100	100	7.2	75.5	75.5	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9
50	50	7.3	76.5	76.5	76.6	76.6	76.7	76.7	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9
0	0	7.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
1000	1000	7.5	79.6	79.7	80.0	80.0	80.1	80.1	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3
900	900	7.6	80.4	80.8	81.1	81.1	81.2	81.2	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4
800	800	7.7	81.1	81.7	81.5	81.5	81.6	81.6	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8
700	700	7.7	81.8	81.9	82.3	82.3	82.4	82.4	82.4	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6
600	600	7.8	83.9	84.0	84.3	84.3	84.4	84.4	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6
500	500	7.9	87.1	87.2	87.5	87.5	87.6	87.6	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8
400	400	8.3	87.6	87.7	88.1	88.1	88.2	88.2	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4
300	300	8.5	89.1	89.2	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
200	200	8.7	90.5	90.8	91.2	91.2	91.3	91.3	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5
100	100	8.9	91.0	91.4	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5
50	50	9.1	91.5	91.9	92.7	92.7	92.8	92.8	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0
0	0	9.2	91.9	92.4	93.1	93.1	93.2	93.2	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4
1000	1000	9.3	92.5	92.7	93.8	93.9	94.0	94.0	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3
900	900	9.4	92.9	93.4	94.2	94.6	94.7	94.7	94.7	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3
800	800	9.5	93.1	93.8	94.8	95.5	95.6	95.6	95.6	96.1	96.2	96.5	96.5	96.5	96.5	96.5	96.5
700	700	9.6	93.2	93.9	95.3	96.7	96.8	96.8	96.8	97.6	97.7	97.7	98.2	98.2	98.2	98.2	98.2
600	600	9.6	93.2	93.9	95.3	96.6	96.8	96.8	96.8	97.7	98.1	98.4	98.8	98.8	98.8	98.8	98.8
500	500	9.6	93.2	93.9	95.3	96.6	96.8	96.8	96.8	97.2	98.2	98.4	98.5	99.1	99.1	99.2	99.2
400	400	9.6	93.2	93.9	95.3	96.6	96.8	96.8	96.8	97.2	98.2	98.4	98.5	99.2	99.4	99.5	99.7
300	300	9.6	93.2	93.9	95.3	96.6	96.8	96.8	96.8	97.2	98.2	98.4	98.5	99.2	99.4	99.5	99.7

TOTAL NUMBER OF OBSERVATIONS 970

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME
YE S AFD TX

74-47

543

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11-2-1100

CEILING	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
1-2	4.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
3-4	62.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
5-6	63.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
7-8	4.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
9-10	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
11-12	68.4	72.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
13-14	70.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
15-16	71.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
17-18	72.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
19-20	72.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
21-22	73.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
23-24	74.9	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
25-26	75.1	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
27-28	76.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
29-30	76.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
31-32	77.6	80.3	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
33-34	79.5	82.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
35-36	1.9	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
37-38	2.5	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
39-40	4.7	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
41-42	6.1	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
43-44	6.5	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
45-46	6.5	93.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
47-48	6.9	94.1	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
49-50	6.9	94.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
51-52	6.9	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
53-54	6.9	95.3	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
55-56	6.9	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
57-58	6.9	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
59-60	6.9	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
61-62	6.9	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
63-64	6.9	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
65-66	6.9	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
67-68	6.9	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
69-70	6.9	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
71-72	6.9	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
73-74	6.9	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
75-76	6.9	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
77-78	6.9	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
79-80	6.9	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
81-82	6.9	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
83-84	6.9	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
85-86	6.9	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
87-88	6.9	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
89-90	6.9	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
91-92	6.9	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
93-94	6.9	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
95-96	6.9	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
97-98	6.9	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
99-100	6.9	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3

TOTAL NUMBER OF OBSERVATIONS 97

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

700000

YEARS AFTER

74-37

1000

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1000-1000

		VISIBILITY (STATUTE MILES)															
		20	26	32	38	44	50	56	62	68	74	80	86	92	98	100	100
1000	1000	10.4	55.7	56.1	56.3	57.1	57.3	57.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
1000	1000	16.3	63.2	63.5	63.7	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
1000	1000	16.4	69.2	69.8	70.0	70.8	71.0	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
1000	1000	16.4	69.2	69.8	70.0	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
1000	1000	61.1	71.8	71.3	71.5	72.7	72.5	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
1000	1000	69.2	71.9	71.4	71.7	74.4	74.6	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
1000	1000	71.5	74.7	75.7	75.5	75.2	75.5	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
1000	1000	71.3	74.9	75.5	75.7	75.5	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
1000	1000	73.4	76.6	77.2	77.4	78.2	78.4	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
1000	1000	74.2	77.3	78.1	78.2	78.9	79.1	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
1000	1000	74.3	77.4	78.1	78.3	79.1	79.2	79.2	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
1000	1000	75.5	78.6	79.5	79.7	80.4	80.6	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
1000	1000	75.7	79.2	80.7	80.3	81.1	81.3	81.7	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
1000	1000	77.1	80.6	81.4	81.8	82.6	82.8	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
1000	1000	78.1	81.6	82.4	82.8	83.5	83.8	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
1000	1000	80.1	83.7	84.4	84.8	85.6	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
1000	1000	81.3	85.4	86.1	86.6	87.7	87.9	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
1000	1000	82.4	87.5	88.6	89.0	89.8	90.0	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
1000	1000	84.5	88.9	89.4	90.2	91.0	91.2	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
1000	1000	85.5	90.8	91.7	92.2	92.9	93.1	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
1000	1000	86.1	91.3	92.7	93.2	94.7	94.2	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
1000	1000	86.4	93.0	94.2	94.8	95.8	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
1000	1000	87.3	94.1	95.3	95.9	96.9	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
1000	1000	87.3	94.5	95.7	96.3	97.3	97.5	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
1000	1000	87.3	94.6	95.3	96.5	97.4	97.7	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
1000	1000	87.4	94.8	96.1	96.6	97.7	98.4	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
1000	1000	87.4	95.1	96.2	97.1	98.1	98.7	98.8	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
1000	1000	87.4	95.1	96.2	97.2	98.2	98.6	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1000	1000	87.4	95.1	96.2	97.2	98.2	98.8	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1000	1000	87.4	95.1	96.2	97.2	98.2	98.8	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1000	1000	87.4	95.1	96.2	97.2	98.2	98.8	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 936

CEILING VERSUS VISIBILITY

4-11

—

[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

USAF F-4A

CEILING VERSUS VISIBILITY

14. —

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

TOTAL NUMBER OF OBSERVATIONS _____ 7

USAF FTAC 0-14.5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

74-0

22

[illegible]

TOTAL NUMBER OF OBSERVATIONS 3440

CLIMATE CLIMATOLOGY BRANCH
NAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

STATION NAME

74-87

AFSC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-1000

| CEILING
FEET | VISIBILITY IN MILES | | | | | | | | | | | | | | | |
|-----------------|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | 26 | 21 | 24 | 25 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| 1000 | 67.2 | 69.8 | 71.6 | 71.6 | 71.1 | 71.1 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| 900 | 72.4 | 75.3 | 76.1 | 76.4 | 76.7 | 76.7 | 76.7 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| 800 | 73.1 | 75.9 | 77.7 | 77.8 | 77.7 | 77.7 | 77.7 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| 700 | 73.1 | 76.1 | 76.9 | 77.1 | 77.3 | 77.3 | 77.4 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| 600 | 73.6 | 76.2 | 77.7 | 77.3 | 77.6 | 77.6 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| 500 | 74.7 | 77.4 | 78.3 | 78.7 | 78.9 | 78.9 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| 400 | 75.0 | 78.9 | 79.7 | 80.1 | 80.3 | 80.3 | 80.4 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| 300 | 76.1 | 79.2 | 79.8 | 80.2 | 80.4 | 80.4 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| 200 | 77.3 | 80.6 | 81.7 | 81.8 | 82.0 | 82.0 | 82.1 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| 100 | 78.4 | 81.9 | 82.7 | 83.1 | 83.3 | 83.3 | 83.4 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| 0 | 78.7 | 82.1 | 82.9 | 83.3 | 83.6 | 83.6 | 83.7 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| 1000 | 80.7 | 84.2 | 85.0 | 85.4 | 85.7 | 85.7 | 85.8 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| 900 | 81.2 | 84.6 | 85.6 | 86.0 | 86.2 | 86.2 | 86.3 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| 800 | 82.1 | 86.3 | 86.9 | 87.7 | 87.9 | 87.9 | 88.0 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| 700 | 82.2 | 87.3 | 87.9 | 88.7 | 88.9 | 88.9 | 89.0 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| 600 | 84.2 | 88.6 | 89.4 | 90.7 | 90.7 | 90.7 | 90.7 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| 500 | 85.4 | 90.1 | 91.1 | 92.1 | 92.3 | 92.3 | 92.4 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| 400 | 86.1 | 90.9 | 91.9 | 92.9 | 93.1 | 93.1 | 93.2 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| 300 | 86.2 | 91.1 | 92.1 | 93.1 | 93.3 | 93.3 | 93.4 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| 200 | 87.6 | 92.7 | 93.7 | 94.7 | 94.9 | 94.9 | 95.0 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| 100 | 88.0 | 93.3 | 94.3 | 95.3 | 95.6 | 95.6 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| 0 | 88.6 | 94.3 | 95.4 | 96.8 | 97.0 | 97.0 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| 1000 | 88.7 | 94.7 | 95.7 | 97.3 | 97.6 | 97.6 | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| 900 | 88.3 | 95.2 | 96.4 | 97.9 | 98.1 | 98.1 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 800 | 88.8 | 96.2 | 96.7 | 98.1 | 98.3 | 98.3 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 700 | 89.1 | 96.7 | 97.1 | 98.6 | 98.8 | 98.8 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 600 | 89.7 | 96.8 | 97.2 | 98.7 | 98.9 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 500 | 89.1 | 96.9 | 97.7 | 98.8 | 99.0 | 99.0 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 400 | 89.1 | 96.6 | 97.3 | 98.8 | 99.0 | 99.0 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 300 | 89.1 | 96.6 | 97.3 | 98.8 | 99.0 | 99.0 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 200 | 89.3 | 96.8 | 97.7 | 98.8 | 99.0 | 99.0 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 100 | 89.1 | 96.8 | 97.3 | 98.8 | 99.0 | 99.0 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |

TOTAL NUMBER OF OBSERVATIONS 922

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

710565 EVERS AFB TX

74-87

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

11-2-2001

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 210 | 20 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 210 | 52.1 | 56.3 | 57.1 | 57.1 | 57.2 | 57.2 | 57.4 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| 200 | 55.8 | 63.1 | 63.2 | 64.2 | 64.3 | 64.3 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| 180 | 59.1 | 63.3 | 64.1 | 64.4 | 64.6 | 64.6 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| 160 | 59.1 | 63.3 | 64.1 | 64.4 | 64.6 | 64.6 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| 140 | 60.7 | 64.2 | 64.2 | 65.2 | 65.2 | 65.3 | 65.6 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| 120 | 61.2 | 65.9 | 65.7 | 67.1 | 67.2 | 67.2 | 67.4 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| 100 | 63.1 | 67.9 | 68.7 | 69.3 | 69.4 | 69.4 | 69.7 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| 80 | 63.3 | 68.1 | 68.9 | 69.6 | 69.7 | 69.7 | 69.9 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| 60 | 65.3 | 70.1 | 70.9 | 71.6 | 71.7 | 71.7 | 71.9 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| 40 | 66.8 | 71.3 | 72.1 | 72.6 | 72.9 | 72.9 | 73.1 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| 20 | 67.4 | 72.2 | 73.1 | 73.7 | 73.8 | 73.8 | 74.0 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| 0 | 69.4 | 74.3 | 75.1 | 76.0 | 76.1 | 76.1 | 76.3 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| 210 | 70.4 | 75.4 | 76.0 | 77.1 | 77.2 | 77.2 | 77.4 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 200 | 72.7 | 77.0 | 77.8 | 79.9 | 80.0 | 80.0 | 80.2 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| 180 | 74.1 | 79.4 | 81.3 | 81.8 | 81.9 | 81.9 | 82.1 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| 160 | 75.2 | 81.7 | 81.6 | 83.0 | 83.1 | 83.2 | 83.4 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| 140 | 76.6 | 83.1 | 83.1 | 84.6 | 84.6 | 84.9 | 85.1 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| 120 | 77.1 | 84.2 | 85.1 | 86.7 | 87.1 | 87.2 | 87.4 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| 100 | 77.7 | 84.6 | 85.4 | 87.0 | 87.4 | 87.6 | 87.8 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| 80 | 79.3 | 86.4 | 87.3 | 88.9 | 89.3 | 89.4 | 89.7 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| 60 | 81.2 | 88.0 | 89.0 | 91.7 | 92.2 | 92.3 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| 40 | 82.1 | 90.0 | 91.1 | 92.9 | 93.4 | 93.6 | 93.8 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| 20 | 82.0 | 90.9 | 92.0 | 93.9 | 94.4 | 94.6 | 94.8 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| 0 | 82.7 | 91.0 | 92.4 | 94.3 | 94.8 | 95.0 | 95.3 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| 210 | 82.7 | 91.2 | 92.7 | 94.6 | 95.1 | 95.2 | 95.7 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| 200 | 82.8 | 91.6 | 93.1 | 94.9 | 95.7 | 95.8 | 96.3 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| 180 | 83.2 | 92.1 | 93.7 | 95.9 | 96.0 | 97.0 | 97.0 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 160 | 83.2 | 92.0 | 93.7 | 96.0 | 97.1 | 97.2 | 97.9 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 140 | 83.2 | 92.0 | 93.7 | 96.0 | 97.1 | 97.2 | 97.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 120 | 83.2 | 92.0 | 93.7 | 96.0 | 97.1 | 97.2 | 97.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 100 | 83.2 | 92.0 | 93.7 | 96.0 | 97.1 | 97.2 | 97.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 80 | 83.2 | 92.0 | 93.7 | 96.0 | 97.1 | 97.2 | 97.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 60 | 83.2 | 92.0 | 93.7 | 96.0 | 97.1 | 97.2 | 97.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 40 | 83.2 | 92.0 | 93.7 | 96.0 | 97.1 | 97.2 | 97.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 20 | 83.2 | 92.0 | 93.7 | 96.0 | 97.1 | 97.2 | 97.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 0 | 83.2 | 92.0 | 93.7 | 96.0 | 97.1 | 97.2 | 97.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |

TOTAL NUMBER OF OBSERVATIONS 900

OFFICIAL CLIMATOLOGY BRANCH
AFSTAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1. 24 OF 25 FEB 1974 STATION NAME 74-27 2. 25 FEB 1974

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

300-1100

| | | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|----------------------|--------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 20 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 1. 24 OF 25 FEB 1974 | STATION NAME | 55.1 | 57.3 | 57.3 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 2. 25 FEB 1974 | STATION NAME | 52.1 | 55.3 | 55.2 | 56.2 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| 3. 26 FEB 1974 | STATION NAME | 52.1 | 55.4 | 55.7 | 56.1 | 56.7 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 |
| 4. 27 FEB 1974 | STATION NAME | 52.4 | 55.3 | 55.3 | 56.4 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 |
| 5. 28 FEB 1974 | STATION NAME | 52.1 | 55.3 | 56.0 | 57.0 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| 6. 29 FEB 1974 | STATION NAME | 54.4 | 57.2 | 57.5 | 58.7 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| 7. 30 FEB 1974 | STATION NAME | 57.1 | 71.9 | 71.4 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| 8. 31 FEB 1974 | STATION NAME | 57.4 | 71.2 | 71.9 | 72.3 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| 9. 1 MAR 1974 | STATION NAME | 69.1 | 72.8 | 73.4 | 73.6 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| 10. 2 MAR 1974 | STATION NAME | 69.1 | 73.1 | 73.9 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| 11. 3 MAR 1974 | STATION NAME | 69.1 | 73.5 | 74.4 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| 12. 4 MAR 1974 | STATION NAME | 72.4 | 76.8 | 77.4 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 13. 5 MAR 1974 | STATION NAME | 73.2 | 77.6 | 78.2 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| 14. 6 MAR 1974 | STATION NAME | 76.1 | 81.4 | 81.1 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| 15. 7 MAR 1974 | STATION NAME | 76.8 | 81.2 | 81.9 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| 16. 8 MAR 1974 | STATION NAME | 77.4 | 81.9 | 82.6 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| 17. 9 MAR 1974 | STATION NAME | 78.5 | 83.2 | 83.9 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| 18. 10 MAR 1974 | STATION NAME | 81.3 | 86.4 | 87.2 | 87.4 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| 19. 11 MAR 1974 | STATION NAME | 81.3 | 87.0 | 87.8 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| 20. 12 MAR 1974 | STATION NAME | 83.3 | 89.4 | 90.0 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| 21. 13 MAR 1974 | STATION NAME | 85.2 | 92.1 | 92.8 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| 22. 14 MAR 1974 | STATION NAME | 86.1 | 93.1 | 94.1 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| 23. 15 MAR 1974 | STATION NAME | 86.9 | 94.1 | 95.1 | 95.4 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| 24. 16 MAR 1974 | STATION NAME | 86.9 | 94.3 | 95.3 | 95.6 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| 25. 17 MAR 1974 | STATION NAME | 87.1 | 94.8 | 95.8 | 96.3 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| 26. 18 MAR 1974 | STATION NAME | 87.1 | 94.8 | 95.9 | 96.6 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| 27. 19 MAR 1974 | STATION NAME | 87.1 | 95.0 | 96.1 | 97.0 | 97.4 | 97.6 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 28. 20 MAR 1974 | STATION NAME | 87.1 | 95.1 | 96.2 | 97.2 | 97.7 | 97.9 | 98.6 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 29. 21 MAR 1974 | STATION NAME | 87.1 | 95.0 | 96.3 | 97.4 | 97.9 | 98.1 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 30. 22 MAR 1974 | STATION NAME | 87.1 | 95.1 | 96.3 | 97.4 | 97.9 | 98.1 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 31. 23 MAR 1974 | STATION NAME | 87.1 | 95.1 | 96.3 | 97.4 | 97.9 | 98.1 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 32. 24 MAR 1974 | STATION NAME | 87.1 | 95.1 | 96.3 | 97.4 | 97.9 | 98.1 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFS WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-2565

WYESS AFS TX

74-87

AP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12-0-1400

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| | ≥10 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| NO. CEILING | 59.2 | 61.1 | 61.4 | 61.6 | 61.8 | 61.8 | 62.1 | 62.2 | 62.2 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.4 | 62.4 |
| 20000 | 65.1 | 75.7 | 71.2 | 71.3 | 71.6 | 71.6 | 71.9 | 72.2 | 72.2 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.2 | 72.2 |
| 18000 | 65.3 | 70.9 | 71.4 | 71.6 | 71.8 | 71.8 | 72.1 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.4 | 72.4 |
| 16000 | 65.3 | 70.9 | 71.5 | 71.7 | 71.9 | 71.9 | 72.2 | 72.3 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.5 | 72.6 |
| 14000 | 68.7 | 71.3 | 72.9 | 72.1 | 72.3 | 72.3 | 72.7 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 73.0 | 73.0 |
| 12000 | 70.1 | 72.7 | 73.3 | 73.4 | 73.7 | 73.7 | 74.0 | 74.1 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.3 | 74.3 |
| 10000 | 72.8 | 75.6 | 76.2 | 76.3 | 76.6 | 76.6 | 76.9 | 77.0 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.2 | 77.2 |
| 9000 | 73.2 | 76.1 | 76.8 | 76.9 | 77.1 | 77.1 | 77.4 | 77.6 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.8 | 77.8 |
| 8000 | 73.8 | 76.7 | 77.3 | 77.4 | 77.7 | 77.7 | 78.0 | 78.1 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.3 | 78.3 |
| 7000 | 74.2 | 77.1 | 77.8 | 77.9 | 78.1 | 78.1 | 78.4 | 78.6 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.8 | 78.8 |
| 6000 | 74.9 | 77.8 | 78.4 | 78.6 | 78.8 | 78.8 | 79.1 | 79.2 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.4 | 79.4 | 79.4 |
| 5000 | 76.9 | 79.8 | 80.4 | 80.6 | 80.8 | 80.8 | 81.1 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.4 | 81.4 | 81.4 |
| 4500 | 77.3 | 80.2 | 80.9 | 81.0 | 81.2 | 81.2 | 81.6 | 81.7 | 81.7 | 81.8 | 81.8 | 81.8 | 81.8 | 81.9 | 81.9 | 81.9 |
| 4000 | 78.0 | 83.2 | 83.9 | 84.0 | 84.2 | 84.2 | 84.6 | 84.7 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 |
| 3500 | 82.1 | 85.3 | 86.7 | 86.1 | 86.3 | 86.3 | 86.7 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 |
| 3000 | 84.9 | 88.3 | 89.3 | 89.1 | 89.3 | 89.3 | 89.7 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 90.0 | 90.0 | 90.0 |
| 2500 | 86.6 | 90.1 | 90.8 | 90.9 | 91.1 | 91.1 | 91.4 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 |
| 2000 | 88.3 | 92.2 | 92.9 | 93.0 | 93.2 | 93.2 | 93.6 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 |
| 1800 | 88.8 | 92.9 | 93.6 | 93.7 | 93.9 | 93.9 | 94.2 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.6 | 94.6 | 94.6 |
| 1600 | 89.6 | 94.1 | 94.8 | 95.0 | 95.2 | 95.2 | 95.6 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 |
| 1400 | 89.8 | 94.6 | 95.3 | 95.6 | 95.8 | 95.8 | 96.1 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 |
| 1200 | 90.3 | 95.3 | 96.1 | 96.3 | 96.6 | 96.6 | 96.9 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 |
| 1000 | 90.4 | 95.7 | 96.4 | 96.7 | 96.9 | 96.9 | 97.2 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 |
| 900 | 90.4 | 95.9 | 96.7 | 96.9 | 97.1 | 97.1 | 97.4 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 |
| 800 | 90.6 | 96.0 | 96.8 | 97.0 | 97.2 | 97.2 | 97.6 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 |
| 700 | 90.7 | 96.4 | 97.2 | 97.8 | 98.0 | 98.0 | 98.4 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 |
| 600 | 90.8 | 96.7 | 97.4 | 98.0 | 98.4 | 98.4 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 |
| 500 | 90.8 | 96.7 | 97.4 | 98.0 | 98.4 | 98.4 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 |
| 400 | 90.8 | 96.7 | 97.4 | 98.0 | 98.4 | 98.4 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |
| 300 | 90.8 | 96.7 | 97.4 | 98.0 | 98.4 | 98.4 | 99.3 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| 200 | 90.8 | 96.7 | 97.4 | 98.0 | 98.4 | 98.4 | 99.3 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| 100 | 90.3 | 96.7 | 97.4 | 98.0 | 98.4 | 98.4 | 99.3 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE CLIMATOLOGY BRANCH
 AFMFLTAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

740665 0YE5S APP TY

74-87

12

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

15-2-1700

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | 20 | 20 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 1000 | 67.4 | 62.8 | 63.1 | 63.2 | 63.3 | 63.4 | 63.7 | 63.9 | 63.9 | 64.0 | 64.3 | 64.7 | 64.3 | 64.7 | 64.3 | 64.2 |
| 900 | 70.4 | 74.2 | 74.8 | 75.0 | 75.1 | 75.2 | 75.4 | 75.7 | 75.7 | 75.8 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| 800 | 71.3 | 74.8 | 75.3 | 75.6 | 75.7 | 75.8 | 76.0 | 76.2 | 76.2 | 76.3 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| 700 | 71.2 | 75.7 | 75.8 | 76.0 | 76.1 | 76.2 | 76.4 | 76.7 | 76.7 | 76.8 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| 600 | 72.3 | 76.2 | 76.8 | 77.2 | 77.3 | 77.4 | 77.7 | 77.9 | 77.9 | 78.0 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| 500 | 73.1 | 77.3 | 77.6 | 78.0 | 78.1 | 78.2 | 78.4 | 78.7 | 78.7 | 78.8 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| 400 | 75.1 | 79.1 | 79.7 | 80.1 | 80.2 | 80.3 | 80.6 | 80.8 | 80.8 | 80.9 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| 300 | 75.2 | 79.2 | 79.8 | 80.2 | 80.3 | 80.4 | 80.7 | 80.9 | 80.9 | 81.0 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| 200 | 76.8 | 80.3 | 81.4 | 81.9 | 82.0 | 82.1 | 82.3 | 82.6 | 82.6 | 82.7 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| 100 | 77.3 | 81.4 | 82.5 | 82.9 | 83.0 | 83.1 | 83.2 | 83.4 | 83.4 | 83.5 | 83.8 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| 0-99 | 77.3 | 81.9 | 82.4 | 83.0 | 83.1 | 83.2 | 83.4 | 83.7 | 83.7 | 83.8 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| 0-99 | 79.3 | 83.4 | 84.7 | 84.6 | 84.7 | 84.8 | 85.0 | 85.2 | 85.2 | 85.3 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| 0-99 | 79.9 | 84.0 | 84.6 | 85.1 | 85.2 | 85.3 | 85.6 | 85.8 | 85.9 | 85.9 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| 0-99 | 81.9 | 85.1 | 86.7 | 87.2 | 87.3 | 87.4 | 87.7 | 87.9 | 87.9 | 88.0 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| 0-99 | 83.9 | 88.3 | 88.9 | 89.4 | 89.6 | 89.7 | 89.9 | 90.1 | 90.1 | 90.2 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| 0-99 | 87.1 | 91.7 | 92.2 | 92.8 | 92.9 | 93.2 | 93.2 | 93.4 | 93.4 | 93.6 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| 0-99 | 87.3 | 92.7 | 93.2 | 93.8 | 93.9 | 94.0 | 94.2 | 94.4 | 94.4 | 94.6 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| 0-99 | 88.9 | 93.9 | 94.4 | 95.0 | 95.1 | 95.2 | 95.4 | 95.7 | 95.7 | 95.8 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| 0-99 | 88.9 | 93.4 | 94.4 | 95.0 | 95.1 | 95.2 | 95.4 | 95.7 | 95.7 | 95.8 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| 0-99 | 89.4 | 94.4 | 95.1 | 95.6 | 95.7 | 95.8 | 96.0 | 96.2 | 96.2 | 96.3 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| 0-99 | 89.7 | 95.1 | 95.6 | 96.1 | 96.3 | 96.4 | 96.7 | 96.9 | 96.9 | 97.0 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| 0-99 | 90.3 | 95.9 | 96.4 | 97.0 | 97.2 | 97.3 | 97.6 | 97.8 | 97.8 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| 0-99 | 90.3 | 95.9 | 96.6 | 97.1 | 97.3 | 97.4 | 97.7 | 97.9 | 97.9 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| 0-99 | 90.3 | 96.3 | 96.7 | 97.2 | 97.4 | 97.6 | 97.8 | 98.0 | 98.1 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 0-99 | 90.3 | 96.3 | 96.9 | 97.3 | 97.6 | 97.8 | 98.0 | 98.2 | 98.2 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 0-99 | 90.3 | 96.2 | 97.1 | 97.7 | 97.9 | 98.1 | 98.4 | 98.7 | 98.7 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 0-99 | 90.3 | 96.4 | 97.3 | 98.2 | 98.4 | 98.7 | 99.1 | 99.3 | 99.3 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 0-99 | 90.3 | 96.4 | 97.3 | 98.2 | 98.6 | 98.8 | 99.2 | 99.4 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0-99 | 90.3 | 96.4 | 97.3 | 98.2 | 98.6 | 98.8 | 99.2 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0-99 | 90.3 | 96.4 | 97.3 | 98.2 | 98.6 | 98.8 | 99.2 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

702165 JYESS AFB TX STATION NAME

74-57

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

15-2-2000

| CEILING
FEET | 200 | 20 | 25 | 24 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 5000 | 67.1 | 61.7 | 62.4 | 63.0 | 63.4 | 63.4 | 63.9 | 63.9 | 63.9 | 64.2 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 |
| 4000 | 72.3 | 74.8 | 75.6 | 76.1 | 76.6 | 76.6 | 76.9 | 77.1 | 77.1 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| 3000 | 73.3 | 75.4 | 75.6 | 76.8 | 77.2 | 77.2 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 2000 | 73.7 | 76.1 | 76.9 | 77.4 | 77.9 | 77.9 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| 1000 | 74.3 | 76.8 | 77.6 | 78.1 | 78.6 | 78.6 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| 800 | 76.1 | 78.7 | 79.6 | 81.1 | 80.6 | 80.6 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| 700 | 77.2 | 79.8 | 81.7 | 81.3 | 81.8 | 81.8 | 82.1 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| 600 | 77.3 | 79.9 | 82.0 | 81.4 | 81.9 | 81.9 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| 500 | 78.7 | 81.4 | 82.3 | 83.0 | 83.7 | 83.7 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| 400 | 79.1 | 81.9 | 82.8 | 83.6 | 84.2 | 84.2 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| 300 | 79.7 | 82.6 | 83.4 | 84.2 | 84.9 | 84.9 | 85.3 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| 200 | 81.7 | 84.6 | 85.4 | 86.2 | 86.9 | 86.9 | 87.3 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| 100 | 82.4 | 85.3 | 86.4 | 87.2 | 87.9 | 87.9 | 88.3 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| 80 | 84.1 | 86.9 | 87.7 | 88.8 | 89.6 | 89.6 | 90.0 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| 70 | 85.2 | 88.2 | 89.4 | 90.3 | 91.1 | 91.1 | 91.6 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| 60 | 87.1 | 90.3 | 91.6 | 92.4 | 93.3 | 93.3 | 93.8 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| 50 | 87.7 | 91.0 | 92.2 | 93.1 | 94.0 | 94.0 | 94.4 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| 40 | 87.8 | 91.4 | 92.7 | 93.6 | 94.6 | 94.6 | 95.0 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| 30 | 87.8 | 91.4 | 92.7 | 93.6 | 94.6 | 94.6 | 95.0 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| 20 | 88.6 | 92.2 | 93.4 | 94.3 | 95.3 | 95.3 | 95.9 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| 10 | 89.1 | 93.0 | 94.3 | 95.2 | 96.0 | 96.0 | 96.9 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 8 | 89.3 | 93.2 | 94.7 | 95.6 | 96.6 | 96.6 | 97.2 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| 7 | 89.4 | 93.4 | 94.9 | 95.8 | 96.8 | 96.8 | 97.6 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 6 | 89.4 | 93.4 | 94.9 | 95.8 | 96.8 | 96.8 | 97.6 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 5 | 89.4 | 93.6 | 95.0 | 96.2 | 97.2 | 97.2 | 98.0 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 4 | 89.4 | 93.6 | 95.0 | 96.2 | 97.2 | 97.2 | 98.0 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 3 | 89.4 | 93.6 | 95.1 | 96.7 | 97.7 | 97.7 | 98.4 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 2 | 89.4 | 93.6 | 95.1 | 96.7 | 97.7 | 97.7 | 98.4 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 1 | 89.4 | 93.6 | 95.1 | 96.7 | 97.7 | 97.7 | 98.4 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 0 | 89.4 | 93.6 | 95.1 | 96.7 | 97.7 | 97.7 | 98.4 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7024 OF 7025
STATION NAME

LYEES AFB TX

74-67

32

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1-2-2300

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 20 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 20000 | 69.1 | 71.3 | 71.1 | 71.7 | 71.8 | 71.8 | 72.2 | 72.2 | 72.3 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| 18000 | 75.7 | 77.1 | 77.2 | 78.6 | 78.8 | 78.8 | 79.2 | 79.2 | 79.3 | 79.3 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| 16000 | 76.1 | 77.6 | 78.3 | 79.0 | 79.2 | 79.2 | 79.7 | 79.7 | 79.8 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| 14000 | 76.3 | 77.8 | 78.6 | 79.2 | 79.4 | 79.4 | 79.9 | 79.9 | 80.0 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| 12000 | 76.4 | 77.9 | 78.7 | 79.3 | 79.6 | 79.6 | 80.0 | 80.0 | 80.1 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| 10000 | 76.1 | 79.6 | 80.3 | 81.0 | 81.2 | 81.2 | 81.7 | 81.7 | 81.8 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| 8000 | 78.9 | 80.7 | 81.4 | 82.1 | 82.3 | 82.3 | 82.8 | 82.8 | 82.9 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| 6000 | 79.1 | 80.8 | 81.6 | 82.2 | 82.4 | 82.4 | 82.9 | 82.9 | 83.0 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| 4000 | 81.1 | 82.8 | 83.6 | 84.2 | 84.4 | 84.4 | 84.9 | 84.9 | 85.0 | 85.0 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| 2000 | 81.7 | 83.4 | 84.2 | 84.9 | 85.1 | 85.1 | 85.6 | 85.6 | 85.7 | 85.7 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| 1000 | 82.2 | 84.0 | 84.9 | 85.4 | 85.7 | 85.7 | 86.1 | 86.1 | 86.2 | 86.2 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| 500 | 83.7 | 85.6 | 86.3 | 87.0 | 87.2 | 87.2 | 87.7 | 87.7 | 87.8 | 87.8 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| 200 | 84.3 | 86.3 | 87.1 | 87.8 | 88.0 | 88.0 | 88.4 | 88.4 | 88.6 | 88.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| 100 | 86.3 | 88.6 | 89.4 | 90.2 | 90.6 | 90.6 | 91.0 | 91.1 | 91.2 | 91.2 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| 50 | 87.4 | 89.9 | 90.9 | 91.6 | 91.9 | 91.9 | 92.3 | 92.4 | 92.6 | 92.6 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| 20 | 88.5 | 91.1 | 92.1 | 92.9 | 93.2 | 93.2 | 93.7 | 93.8 | 93.9 | 93.9 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| 10 | 89.7 | 92.2 | 93.2 | 94.0 | 94.3 | 94.3 | 94.8 | 94.9 | 95.0 | 95.0 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| 5 | 90.1 | 92.8 | 93.9 | 94.8 | 95.1 | 95.1 | 95.6 | 95.7 | 95.8 | 95.8 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| 2 | 90.3 | 92.9 | 94.1 | 94.9 | 95.2 | 95.2 | 95.7 | 95.8 | 95.9 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| 1 | 90.1 | 93.1 | 94.4 | 95.3 | 95.7 | 95.7 | 96.1 | 96.2 | 96.3 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| 0.5 | 90.7 | 93.9 | 95.2 | 96.2 | 96.6 | 96.6 | 97.0 | 97.1 | 97.2 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 0.2 | 90.9 | 94.6 | 95.2 | 97.2 | 97.6 | 97.6 | 98.0 | 98.1 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 0.1 | 90.9 | 94.6 | 96.3 | 97.4 | 97.8 | 97.8 | 98.2 | 98.3 | 98.4 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 0.05 | 91.0 | 94.7 | 96.4 | 98.0 | 98.4 | 98.4 | 98.9 | 99.0 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 0.02 | 91.1 | 94.7 | 96.4 | 98.0 | 98.4 | 98.4 | 98.9 | 99.0 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 0.01 | 91.1 | 94.7 | 96.7 | 98.2 | 98.7 | 98.7 | 99.1 | 99.2 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 0.005 | 91.0 | 94.7 | 96.7 | 98.2 | 98.7 | 98.8 | 99.3 | 99.4 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 0.002 | 91.0 | 94.7 | 96.7 | 98.2 | 98.7 | 98.8 | 99.3 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.001 | 91.1 | 94.7 | 96.7 | 98.2 | 98.7 | 98.8 | 99.3 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0005 | 91.1 | 94.7 | 96.7 | 98.2 | 98.7 | 98.8 | 99.3 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14-5 (DL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7226 OF 7226
STATION NAME

BYESS AFB TX

74-83

AD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

AD

| CEILING
FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING | 61.1 | 63.3 | 63.9 | 64.2 | 64.4 | 64.4 | 64.6 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| ≥ 20000 | 68.6 | 71.7 | 72.4 | 72.7 | 72.9 | 72.9 | 73.1 | 73.2 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 | 73.4 | 73.4 | 73.4 |
| ≥ 18000 | 69.1 | 72.1 | 72.7 | 73.1 | 73.3 | 73.3 | 73.5 | 73.6 | 73.6 | 73.6 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| ≥ 16000 | 69.2 | 72.2 | 72.9 | 73.3 | 73.5 | 73.5 | 73.7 | 73.8 | 73.8 | 73.9 | 73.9 | 73.9 | 73.9 | 74.0 | 74.0 | 74.0 |
| ≥ 14000 | 69.7 | 72.6 | 73.5 | 73.8 | 74.0 | 74.0 | 74.3 | 74.3 | 74.3 | 74.4 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 12000 | 71.1 | 74.2 | 74.9 | 75.3 | 75.5 | 75.5 | 75.7 | 75.8 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 10000 | 72.6 | 75.9 | 76.7 | 77.1 | 77.3 | 77.3 | 77.5 | 77.7 | 77.7 | 77.7 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| ≥ 9000 | 72.8 | 76.1 | 76.9 | 77.3 | 77.5 | 77.5 | 77.8 | 77.9 | 77.9 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 8000 | 74.3 | 77.7 | 78.5 | 78.9 | 79.2 | 79.2 | 79.4 | 79.5 | 79.5 | 79.6 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 7000 | 75.1 | 78.4 | 79.2 | 79.7 | 79.9 | 79.9 | 80.1 | 80.2 | 80.2 | 80.3 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥ 6000 | 75.5 | 79.0 | 79.8 | 80.2 | 80.5 | 80.5 | 80.7 | 80.8 | 80.8 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 5000 | 77.5 | 81.1 | 81.8 | 82.3 | 82.6 | 82.6 | 82.8 | 82.9 | 82.9 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 4500 | 78.2 | 81.8 | 82.5 | 83.1 | 83.3 | 83.3 | 83.5 | 83.6 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 4000 | 80.2 | 84.1 | 84.9 | 85.5 | 85.7 | 85.7 | 85.9 | 86.1 | 86.1 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 3500 | 81.5 | 85.4 | 86.3 | 87.0 | 87.2 | 87.2 | 87.4 | 87.6 | 87.6 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 3000 | 83.2 | 87.2 | 88.1 | 88.8 | 89.1 | 89.1 | 89.3 | 89.5 | 89.5 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 2500 | 84.3 | 88.6 | 89.5 | 90.2 | 90.5 | 90.5 | 90.8 | 90.9 | 90.9 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 2000 | 85.5 | 90.0 | 90.9 | 91.7 | 92.0 | 92.1 | 92.3 | 92.4 | 92.4 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 1800 | 85.8 | 90.3 | 91.2 | 92.0 | 92.3 | 92.3 | 92.5 | 92.7 | 92.7 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 1600 | 86.7 | 91.6 | 92.5 | 93.3 | 93.6 | 93.7 | 93.9 | 94.0 | 94.1 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 1400 | 87.4 | 92.7 | 93.6 | 94.6 | 95.0 | 95.0 | 95.3 | 95.4 | 95.5 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 1200 | 88.1 | 93.6 | 94.7 | 95.6 | 96.0 | 96.0 | 96.3 | 96.5 | 96.5 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 1000 | 88.2 | 94.0 | 95.2 | 96.2 | 96.5 | 96.6 | 96.9 | 97.0 | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 900 | 88.3 | 94.3 | 95.5 | 96.6 | 97.0 | 97.0 | 97.3 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 800 | 88.3 | 94.4 | 95.7 | 96.8 | 97.2 | 97.3 | 97.6 | 97.8 | 97.8 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 700 | 88.4 | 94.7 | 96.0 | 97.2 | 97.6 | 97.6 | 98.0 | 98.2 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 600 | 88.5 | 94.9 | 96.3 | 97.6 | 98.1 | 98.2 | 98.5 | 98.8 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 500 | 88.5 | 94.9 | 96.3 | 97.7 | 98.2 | 98.3 | 98.8 | 99.0 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | 88.5 | 94.9 | 96.3 | 97.7 | 98.3 | 98.3 | 98.9 | 99.2 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 300 | 88.5 | 94.9 | 96.3 | 97.7 | 98.3 | 98.3 | 98.9 | 99.2 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 200 | 88.5 | 94.9 | 96.3 | 97.7 | 98.3 | 98.3 | 98.9 | 99.2 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 100 | 88.5 | 94.9 | 96.3 | 97.7 | 98.3 | 98.3 | 98.9 | 99.2 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 0 | 88.5 | 94.9 | 96.3 | 97.7 | 98.3 | 98.3 | 98.9 | 99.2 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |

TOTAL NUMBER OF OBSERVATIONS 7226

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE CLIMATOLOGY BRANCH
AFM TAC
AIR WEATHER SERVICE/ANAC

CEILING VERSUS VISIBILITY

STATION NAME
YEAR AND MONTH

74-87

DAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

10-0-100

| | | VISIBILITY (MILES) | | | | | | | | | | | | CEILING (FEET) | | | | | | | | | | | |
|-----|-----|--------------------|------|------|------|------|------|------|------|------|------|------|------|----------------|------|------|------|------|------|------|------|------|------|------|--|
| | | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 0 | 100 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0 | |
| 100 | 100 | 71.3 | 73.1 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | |
| 90 | 90 | 77.7 | 79.5 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | |
| 80 | 80 | 77.7 | 79.5 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | |
| 70 | 70 | 77.7 | 79.5 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | |
| 60 | 60 | 77.8 | 79.5 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | |
| 50 | 50 | 79.2 | 81.3 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | |
| 40 | 40 | 80.9 | 82.6 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | |
| 30 | 30 | 81.1 | 83.0 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | |
| 20 | 20 | 81.1 | 84.0 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | |
| 10 | 10 | 82.2 | 84.1 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | |
| 0 | 0 | 82.2 | 84.7 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | |
| 100 | 100 | 84.7 | 86.2 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | |
| 90 | 90 | 85.2 | 87.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | |
| 80 | 80 | 86.2 | 88.2 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | |
| 70 | 70 | 87.5 | 89.1 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | |
| 60 | 60 | 88.4 | 92.2 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | |
| 50 | 50 | 89.1 | 92.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | |
| 40 | 40 | 89.7 | 93.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | |
| 30 | 30 | 89.9 | 93.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | |
| 20 | 20 | 91.1 | 95.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | |
| 10 | 10 | 91.4 | 95.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | |
| 0 | 0 | 91.4 | 96.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | |
| 100 | 100 | 92.1 | 97.5 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | |
| 90 | 90 | 93.1 | 97.5 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | |
| 80 | 80 | 93.7 | 97.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | |
| 70 | 70 | 93.7 | 98.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | |
| 60 | 60 | 93.7 | 98.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| 50 | 50 | 93.7 | 98.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| 40 | 40 | 93.7 | 98.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| 30 | 30 | 93.7 | 98.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| 20 | 20 | 93.7 | 98.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| 10 | 10 | 93.7 | 98.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| 0 | 0 | 93.7 | 98.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |

TOTAL NUMBER OF OBSERVATIONS 222

U.S. AIR FORCE
 AIRCRAFT ENGINEERING BRANCH
 AFM 1-1
 AIRCRAFT ENGINEERING BRANCH

CEILING VERSUS VISIBILITY

1944-1945
 YEAR 1944-1945

74-27

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1944-1945

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 50 | 25 | 10 | 5 | 2 | 1 | 0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1000 | 40.3 | 40.4 | 40.7 | 40.9 | 41.7 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| 900 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| 800 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| 700 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| 600 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| 500 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| 400 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| 300 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| 200 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| 100 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| 50 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| 25 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| 10 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| 5 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| 2 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| 1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| 0 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |

TOTAL NUMBER OF OBSERVATIONS 100

USAF ETAC 1-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. A. CLIMATE & SOIL
2. YR
3. WATER QUALITY

100-443887-1

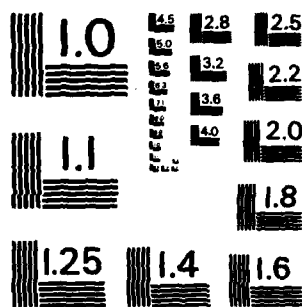
[illegible]

UNCLASSIFIED

DYESS AFB TEXAS REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATIONS () AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. 21 SEP 83
USAFETAC/DS-83/045 SBI-AD-E850 488 F/G 4/2

316

NI



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722665

LYESS AFB TX

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|-------|------|-------|------|-------|--------|--------|-------|--------|---------|--------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ 0.5 | ≥ 0.25 | ≥ 0.15 | ≥ 0.1 | ≥ 0.05 | ≥ 0.025 | ≥ 0.01 |
| NO CEILING | 56.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| ≥ 20000 | 65.7 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 |
| ≥ 18000 | 66.1 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| ≥ 16000 | 66.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| ≥ 14000 | 66.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 12000 | 68.7 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| ≥ 10000 | 70.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 9000 | 70.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 8000 | 72.5 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| ≥ 7000 | 73.9 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 6000 | 74.4 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥ 5000 | 75.6 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 4500 | 75.8 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 4000 | 78.7 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| ≥ 3500 | 83.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 3000 | 87.7 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 2500 | 91.2 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 2000 | 93.5 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 1800 | 93.7 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 1500 | 94.3 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 1200 | 94.5 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 1000 | 94.9 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 900 | 94.9 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 800 | 94.9 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 700 | 94.9 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 600 | 94.9 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 500 | 94.9 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 400 | 94.9 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 300 | 94.9 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 200 | 94.9 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 100 | 94.9 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 0 | 94.9 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722665
STATION

DYESS AFB TX
STATION NAME

74-83
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

| CEILING
FEET | VISIBILITY, STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|---------------------------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.5 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥.0 |
| NO CEILING | 58.8 | 60.2 | 67.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 |
| ≥ 20000 | 69.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| IV 18000 | 70.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| IV 16000 | 70.1 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| IV 14000 | 71.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| IV 12000 | 73.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| IV 10000 | 75.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| IV 9000 | 76.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| IV 8000 | 78.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| IV 7000 | 79.1 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| IV 6000 | 79.9 | 82.0 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| IV 5000 | 81.4 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| IV 4500 | 82.0 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| IV 4000 | 85.7 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| IV 3500 | 88.6 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| IV 3000 | 92.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| IV 2500 | 93.9 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV 2000 | 94.8 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| IV 1800 | 94.8 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| IV 1500 | 95.4 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV 1200 | 95.5 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 1000 | 95.6 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| IV 900 | 95.6 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| IV 800 | 95.8 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 700 | 95.8 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 600 | 95.8 | 99.1 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 500 | 95.8 | 99.1 | 99.2 | 99.4 | 99.6 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 400 | 95.8 | 99.1 | 99.2 | 99.4 | 99.6 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 300 | 95.8 | 99.1 | 99.2 | 99.4 | 99.6 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 200 | 95.8 | 99.1 | 99.2 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 95.8 | 99.1 | 99.2 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 95.8 | 99.1 | 99.2 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722665

DYESS AFB TX

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2000

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥0.5 | ≥0.4 | ≥0.3 | ≥0.25 | ≥0.2 | ≥0 |
| NO CEILING | 63.7 | 64.3 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| ≥ 20000 | 76.8 | 78.2 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| ≥ 18000 | 76.9 | 78.3 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| ≥ 16000 | 77.0 | 78.4 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 14000 | 78.2 | 79.4 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥ 12000 | 79.7 | 81.1 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 10000 | 82.7 | 84.5 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 9000 | 83.0 | 84.7 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥ 8000 | 85.7 | 87.5 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 7000 | 86.3 | 88.2 | 88.3 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 6000 | 86.9 | 89.1 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 5000 | 88.1 | 91.7 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 4500 | 88.8 | 91.2 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 4000 | 90.9 | 93.6 | 93.7 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 3500 | 91.9 | 94.6 | 94.7 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 3000 | 93.4 | 96.3 | 96.4 | 96.8 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 2500 | 93.9 | 97.0 | 97.1 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 2000 | 94.3 | 97.5 | 97.6 | 98.0 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 1800 | 94.3 | 97.5 | 97.6 | 98.0 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 1500 | 94.6 | 98.0 | 98.1 | 98.4 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1200 | 94.6 | 98.1 | 98.2 | 98.5 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1000 | 94.8 | 98.4 | 98.5 | 98.8 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 900 | 94.9 | 98.6 | 98.7 | 99.0 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 800 | 95.0 | 98.7 | 98.8 | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | 95.1 | 98.8 | 98.9 | 99.2 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 95.1 | 98.8 | 98.9 | 99.2 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 95.0 | 98.9 | 99.0 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 95.0 | 98.9 | 99.0 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 95.0 | 98.9 | 99.0 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 95.1 | 98.9 | 99.0 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 95.0 | 98.9 | 99.0 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 95.0 | 98.9 | 99.0 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 927

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722665

DYESS AFB TX

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2100

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 70.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| ≥ 20000 | 78.7 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| 18000 | 78.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 16000 | 79.2 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| 14000 | 79.7 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| 12000 | 81.1 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| 10000 | 81.9 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| 9000 | 81.9 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| 8000 | 83.5 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| 7000 | 83.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| 6000 | 84.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 5000 | 87.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| 4500 | 87.8 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| 4000 | 90.1 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| 3500 | 90.8 | 93.7 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| 3000 | 92.2 | 95.7 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| 2500 | 92.4 | 96.0 | 96.2 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| 2000 | 93.0 | 96.5 | 96.9 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| 1800 | 93.3 | 96.9 | 97.2 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| 1500 | 94.1 | 98.0 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 1200 | 94.4 | 98.3 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| 1000 | 94.7 | 98.6 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 900 | 95.0 | 98.9 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 800 | 95.0 | 98.9 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 700 | 95.0 | 98.9 | 99.2 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 600 | 95.0 | 98.9 | 99.2 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 500 | 95.0 | 99.0 | 99.4 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 400 | 95.0 | 99.0 | 99.4 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 300 | 95.0 | 99.0 | 99.4 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 200 | 95.0 | 99.0 | 99.4 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 100 | 95.0 | 99.0 | 99.4 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 95.0 | 99.0 | 99.4 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722665

DYESS AFB TX

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.0 | ≥ 1 | ≥ .5 | ≥ .5 | ≥ .5 | ≥ 1/2 | ≥ . | ≥ 0 |
| NO CEILING | 60.1 | 62.3 | 62.5 | 62.5 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| ≥ 20000 | 68.7 | 71.0 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥ 18000 | 68.9 | 71.3 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 16000 | 69.0 | 71.3 | 71.5 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| ≥ 14000 | 69.6 | 71.9 | 72.1 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 12000 | 71.2 | 73.7 | 73.9 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 10000 | 73.6 | 76.3 | 76.5 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 9000 | 73.8 | 76.5 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 8000 | 75.5 | 78.2 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| ≥ 7000 | 76.2 | 79.1 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 6000 | 76.8 | 79.7 | 79.9 | 80.0 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| ≥ 5000 | 78.3 | 81.4 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 4500 | 78.9 | 82.1 | 82.4 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 4000 | 81.3 | 84.9 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 3500 | 83.1 | 86.8 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 3000 | 85.2 | 89.2 | 89.5 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 2500 | 86.8 | 91.1 | 91.4 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 2000 | 88.3 | 92.9 | 93.3 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 1800 | 88.7 | 93.3 | 93.7 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 1500 | 89.9 | 94.9 | 95.3 | 95.5 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 1200 | 90.6 | 95.8 | 96.3 | 96.5 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1000 | 91.1 | 96.6 | 97.1 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 |
| ≥ 900 | 91.5 | 97.1 | 97.6 | 97.9 | 98.0 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 800 | 91.7 | 97.3 | 97.9 | 98.2 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 700 | 91.9 | 97.6 | 98.1 | 98.5 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 |
| ≥ 600 | 91.9 | 97.8 | 98.3 | 98.7 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 500 | 92.0 | 97.9 | 98.5 | 98.9 | 99.3 | 99.3 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 92.0 | 98.0 | 98.6 | 99.0 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 92.0 | 98.0 | 98.6 | 99.0 | 99.4 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 92.0 | 98.0 | 98.6 | 99.0 | 99.4 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | 92.0 | 98.0 | 98.6 | 99.0 | 99.4 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 92.0 | 98.0 | 98.6 | 99.0 | 99.4 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7434

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722665

DYESS AFB TX

73-82

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

| CEILING
FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|-------|-------|-------|-------|--------|--------|--------|--------|---------|--------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.0 | ≥ 0.5 | ≥ 0.25 | ≥ 0.15 | ≥ 0.10 | ≥ 0.05 | ≥ 0.025 | ≥ 0.01 |
| NO CEILING | 75.8 | 76.6 | 76.6 | 76.6 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥ 20000 | 84.1 | 84.9 | 84.9 | 84.9 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 18000 | 84.1 | 84.9 | 84.9 | 84.9 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 16000 | 84.1 | 84.9 | 84.9 | 84.9 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 14000 | 84.3 | 85.1 | 85.1 | 85.1 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 12000 | 85.1 | 85.9 | 85.9 | 85.9 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| ≥ 10000 | 86.6 | 87.6 | 87.7 | 87.7 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 9000 | 86.6 | 87.6 | 87.7 | 87.7 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 8000 | 88.6 | 89.6 | 89.7 | 89.7 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 7000 | 89.0 | 90.1 | 90.4 | 90.4 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 6000 | 89.2 | 90.3 | 90.7 | 90.7 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 5000 | 91.0 | 92.1 | 92.4 | 92.4 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 4500 | 92.0 | 93.2 | 93.6 | 93.6 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 4000 | 92.3 | 93.9 | 94.2 | 94.2 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 3500 | 92.8 | 94.3 | 94.8 | 94.8 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 3000 | 93.3 | 95.3 | 95.8 | 95.9 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 2500 | 93.8 | 95.8 | 96.2 | 96.3 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 2000 | 94.2 | 96.2 | 96.7 | 96.8 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 1800 | 94.3 | 96.3 | 96.8 | 96.9 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 1500 | 94.4 | 96.4 | 96.9 | 97.0 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 1200 | 95.2 | 97.3 | 97.8 | 97.9 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1000 | 95.6 | 98.0 | 98.6 | 98.7 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 900 | 95.6 | 98.0 | 98.6 | 98.7 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 800 | 95.6 | 98.0 | 98.6 | 98.7 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 700 | 95.6 | 98.0 | 98.6 | 98.7 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 95.7 | 98.1 | 98.7 | 98.8 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 95.7 | 98.4 | 99.0 | 99.2 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 95.7 | 98.4 | 99.0 | 99.2 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 95.7 | 98.4 | 99.0 | 99.2 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 95.7 | 98.4 | 99.0 | 99.2 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 95.7 | 98.4 | 99.0 | 99.2 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 95.7 | 98.4 | 99.0 | 99.2 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722665

WYESS AFB TX

73-82

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.5 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥0 |
| NO CEILING | 72.6 | 73.6 | 73.8 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 20000 | 79.1 | 80.1 | 80.3 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| 18000 | 79.2 | 80.2 | 80.4 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| 16000 | 79.3 | 80.3 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| 14000 | 79.7 | 80.7 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| 12000 | 81.2 | 82.2 | 82.4 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| 10000 | 83.2 | 84.3 | 84.6 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| 9000 | 83.3 | 84.4 | 84.7 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| 8000 | 85.3 | 86.4 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| 7000 | 85.8 | 87.0 | 87.2 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| 6000 | 86.7 | 87.9 | 88.1 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| 5000 | 87.7 | 88.9 | 89.1 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| 4500 | 88.2 | 89.6 | 89.8 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| 4000 | 88.8 | 90.2 | 90.6 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| 3500 | 89.0 | 90.7 | 91.1 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| 3000 | 89.8 | 91.7 | 92.1 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| 2500 | 91.0 | 92.9 | 93.3 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| 2000 | 92.4 | 94.4 | 94.9 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| 1800 | 92.8 | 94.8 | 95.2 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| 1500 | 94.2 | 96.2 | 96.7 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| 1200 | 94.9 | 97.1 | 97.6 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 1000 | 95.2 | 97.4 | 97.9 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 900 | 95.3 | 97.6 | 98.0 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| 800 | 95.4 | 97.7 | 98.1 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 700 | 95.4 | 97.7 | 98.1 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 600 | 95.4 | 97.8 | 98.2 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 500 | 95.4 | 98.1 | 98.6 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 400 | 95.4 | 98.1 | 98.6 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 300 | 95.4 | 98.1 | 98.6 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 200 | 95.4 | 98.1 | 98.6 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 100 | 95.4 | 98.1 | 98.6 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 0 | 95.4 | 98.1 | 98.6 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722665
STATION

DYESS AFB TX
STATION NAME

73-82
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3620-0800
DATE

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING | 63.4 | 65.7 | 65.9 | 65.9 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 20000 | 70.9 | 73.3 | 73.6 | 73.6 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| ≥ 18000 | 71.0 | 73.4 | 73.7 | 73.7 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| ≥ 16000 | 71.0 | 73.4 | 73.7 | 73.7 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| ≥ 14000 | 71.9 | 74.3 | 74.6 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 12000 | 73.9 | 76.4 | 76.8 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥ 10000 | 76.7 | 79.4 | 79.9 | 79.9 | 80.0 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| ≥ 9000 | 77.0 | 79.8 | 80.2 | 80.2 | 80.3 | 80.3 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥ 8000 | 79.0 | 81.9 | 82.3 | 82.3 | 82.4 | 82.4 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 7000 | 80.1 | 83.0 | 83.4 | 83.4 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 6000 | 81.1 | 84.0 | 84.4 | 84.4 | 84.6 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 5000 | 81.6 | 84.8 | 85.2 | 85.2 | 85.3 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 4500 | 81.9 | 85.1 | 85.6 | 85.6 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 4000 | 82.8 | 86.0 | 86.4 | 86.4 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 3500 | 83.0 | 86.2 | 86.7 | 86.7 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 3000 | 84.0 | 87.4 | 87.9 | 87.9 | 88.0 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 2500 | 85.8 | 89.2 | 89.7 | 89.7 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 2000 | 88.4 | 92.0 | 92.4 | 92.4 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 1800 | 89.1 | 92.7 | 93.1 | 93.1 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 1500 | 90.7 | 94.3 | 94.8 | 95.0 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 1200 | 92.1 | 95.8 | 96.2 | 96.4 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1000 | 92.7 | 96.6 | 97.0 | 97.3 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 900 | 92.9 | 96.8 | 97.3 | 97.8 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 800 | 93.2 | 97.2 | 97.8 | 98.3 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 700 | 93.2 | 97.3 | 97.9 | 98.4 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 600 | 93.2 | 97.3 | 98.1 | 98.8 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 500 | 93.2 | 97.4 | 98.2 | 98.9 | 99.1 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 93.2 | 97.6 | 98.3 | 99.0 | 99.2 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 93.2 | 97.6 | 98.3 | 99.0 | 99.2 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200 | 93.2 | 97.6 | 98.3 | 99.0 | 99.2 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 100 | 93.2 | 97.6 | 98.3 | 99.0 | 99.2 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 0 | 93.2 | 97.6 | 98.3 | 99.0 | 99.2 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722665

DYESS AFB TX

73-87

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0920-1100

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.8 | ≥.6 | ≥.5 | ≥.4 | ≥.3 | ≥.2 |
| NO CEILING
≥ 20000 | 66.1 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| IV ≥ 18000 | 75.4 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| IV ≥ 16000 | 76.2 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| IV ≥ 14000 | 76.9 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| IV ≥ 12000 | 78.6 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| IV ≥ 10000 | 81.6 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| IV ≥ 9000 | 81.9 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| IV ≥ 8000 | 84.0 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| IV ≥ 7000 | 84.2 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| IV ≥ 6000 | 85.1 | 85.9 | 85.9 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| IV ≥ 5000 | 85.1 | 86.0 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| IV ≥ 4500 | 85.4 | 86.3 | 86.4 | 86.4 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| IV ≥ 4000 | 86.0 | 86.9 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| IV ≥ 3500 | 86.8 | 87.7 | 87.8 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| IV ≥ 3000 | 89.3 | 90.4 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| IV ≥ 2500 | 91.9 | 93.0 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| IV ≥ 2000 | 94.0 | 95.2 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| IV ≥ 1800 | 94.4 | 95.9 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| IV ≥ 1500 | 95.6 | 97.2 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV ≥ 1200 | 96.3 | 98.3 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| IV ≥ 1000 | 96.3 | 98.3 | 98.4 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| IV ≥ 900 | 96.4 | 98.4 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV ≥ 800 | 96.6 | 98.6 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| IV ≥ 700 | 96.6 | 98.7 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IV ≥ 600 | 96.6 | 98.7 | 99.1 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IV ≥ 500 | 96.7 | 98.9 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV ≥ 400 | 96.7 | 98.9 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV ≥ 300 | 96.7 | 98.9 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV ≥ 200 | 96.7 | 98.9 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV ≥ 100 | 96.7 | 98.9 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV ≥ 0 | 96.7 | 98.9 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722665

DYESS AFB TX

73-82

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|-------|------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.4 | ≥ 1 | ≥ .4 | ≥ .3 | ≥ .25 | ≥ .2 | ≥ .15 | ≥ 0 |
| NO CEILING | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| ≥ 20000 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| IV 18000 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| IV 16000 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| IV 14000 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| IV 12000 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| IV 10000 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| IV 9000 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| IV 8000 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| IV 7000 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| IV 6000 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| IV 5000 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| IV 4500 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| IV 4000 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| IV 3500 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| IV 3000 | 95.3 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| IV 2500 | 97.0 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| IV 2000 | 97.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| IV 1800 | 98.0 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| IV 1500 | 98.0 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| IV 1200 | 98.2 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IV 1000 | 98.2 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 900 | 98.2 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 800 | 98.2 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 700 | 98.2 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 600 | 98.3 | 99.1 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 500 | 98.3 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 400 | 98.3 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 300 | 98.3 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 200 | 98.3 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 100 | 98.3 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 0 | 98.3 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722665

RYESS AFB TX

73-82

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|-------|------|-------|------|------|-------|------|-------|--------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .5 | ≥ .25 | ≥ .1 | ≥ .05 | ≥ .025 | ≥ .01 | ≥ 0 |
| NO CEILING | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 20000 | 63.4 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| 18000 | 83.8 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| 16000 | 83.9 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| 14000 | 85.4 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| 12000 | 86.6 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| 10000 | 87.6 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| 9000 | 87.6 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| 8000 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| 7000 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| 6000 | 90.2 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| 5000 | 91.3 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| 4500 | 92.4 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| 4000 | 94.0 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| 3500 | 95.1 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| 3000 | 97.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 2500 | 97.7 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| 2000 | 97.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 1800 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 1500 | 98.4 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 1200 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 1000 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 900 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 800 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 700 | 98.7 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 600 | 98.7 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 500 | 98.7 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 400 | 98.7 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 300 | 98.7 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 200 | 98.7 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 100 | 98.7 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 0 | 98.7 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7225 65 DYESS AFB TX STATION NAME

73-87 YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1950-1999

| CEILING
FEET | VISIBILITY, STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|---------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| NO CEILING | 75.9 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 20000 | 87.9 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 18000 | 87.9 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 16000 | 87.9 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 14000 | 88.7 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 12000 | 89.3 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 10000 | 91.8 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 8000 | 91.8 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 6000 | 92.4 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 4000 | 92.8 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 3000 | 93.4 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 2000 | 94.2 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 1500 | 94.4 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 1000 | 95.2 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 800 | 96.1 | 96.6 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 600 | 96.8 | 97.3 | 97.4 | 97.4 | 97.4 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 400 | 97.1 | 97.9 | 98.0 | 98.0 | 98.0 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 300 | 97.2 | 98.0 | 98.1 | 98.1 | 98.1 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 200 | 97.6 | 98.7 | 98.9 | 98.9 | 98.9 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 150 | 97.7 | 98.8 | 99.1 | 99.1 | 99.1 | 99.2 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 100 | 97.9 | 99.0 | 99.3 | 99.3 | 99.3 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 80 | 97.9 | 99.0 | 99.3 | 99.3 | 99.3 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 60 | 97.9 | 99.0 | 99.3 | 99.3 | 99.3 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 40 | 97.9 | 99.0 | 99.3 | 99.3 | 99.3 | 99.4 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 30 | 97.9 | 99.0 | 99.3 | 99.3 | 99.3 | 99.4 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 20 | 97.9 | 99.0 | 99.3 | 99.3 | 99.3 | 99.4 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 10 | 97.9 | 99.0 | 99.3 | 99.3 | 99.3 | 99.4 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 5 | 97.9 | 99.0 | 99.3 | 99.3 | 99.3 | 99.4 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 990

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722665

GYESS AFB TX

73-82

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-2300

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|-------|------|-------|--------|-------|--------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 | ≥0.005 |
| NO CEILING | 76.3 | 78.6 | 78.6 | 78.6 | 78.6 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥20000 | 78.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥18000 | 78.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥16000 | 78.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥14000 | 78.8 | 89.0 | 89.0 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥12000 | 89.7 | 89.9 | 89.9 | 89.9 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥10000 | 91.7 | 91.3 | 91.3 | 91.4 | 91.4 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥9000 | 91.7 | 91.3 | 91.3 | 91.4 | 91.4 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥8000 | 91.9 | 92.2 | 92.2 | 92.3 | 92.3 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥7000 | 92.1 | 92.4 | 92.4 | 92.6 | 92.6 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥6000 | 92.1 | 92.6 | 92.6 | 92.7 | 92.7 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥5000 | 93.1 | 93.6 | 93.6 | 93.7 | 93.7 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥4500 | 93.4 | 94.0 | 94.0 | 94.1 | 94.1 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥4000 | 94.4 | 95.3 | 95.3 | 95.4 | 95.4 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥3500 | 95.2 | 96.1 | 96.1 | 96.2 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥3000 | 96.1 | 97.0 | 97.0 | 97.2 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥2500 | 96.4 | 97.4 | 97.4 | 97.7 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥2000 | 96.6 | 97.6 | 97.6 | 97.8 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥1800 | 96.6 | 97.6 | 97.6 | 97.8 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥1500 | 96.6 | 97.8 | 97.8 | 98.0 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥1200 | 96.7 | 98.2 | 98.2 | 98.4 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥1000 | 97.1 | 98.7 | 98.9 | 99.2 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥900 | 97.2 | 98.8 | 99.0 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥800 | 97.2 | 98.8 | 99.0 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥700 | 97.2 | 98.8 | 99.0 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥600 | 97.2 | 98.8 | 99.0 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥500 | 97.2 | 98.8 | 99.0 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥400 | 97.2 | 98.8 | 99.0 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥300 | 97.2 | 98.8 | 99.0 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥200 | 97.2 | 98.8 | 99.0 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥100 | 97.2 | 98.8 | 99.0 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ | 97.2 | 98.8 | 99.0 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 900

CLCPL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722665
STATION

WYESS AFB TX
STATION NAME

73-82
YEAR

100%
MOON

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
MONTH

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|--------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 |
| NO CEILING | 72.3 | 72.9 | 77.0 | 73.0 | 73.0 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| ≥ 20000 | 81.1 | 81.6 | 81.8 | 81.9 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 18000 | 81.3 | 82.0 | 82.1 | 82.1 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 16000 | 81.4 | 82.1 | 82.1 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 14000 | 81.9 | 82.6 | 82.7 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥ 12000 | 83.2 | 83.9 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 10000 | 85.2 | 86.0 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| ≥ 9000 | 85.3 | 86.1 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 8000 | 86.9 | 87.8 | 87.9 | 87.9 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 7000 | 87.4 | 88.3 | 88.4 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 6000 | 87.9 | 88.8 | 88.9 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 5000 | 88.8 | 89.7 | 89.8 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 4500 | 89.3 | 90.3 | 90.5 | 90.5 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 4000 | 90.3 | 91.4 | 91.6 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 3500 | 91.1 | 92.3 | 92.5 | 92.5 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 3000 | 92.7 | 94.1 | 94.3 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 2500 | 93.4 | 95.3 | 95.4 | 95.6 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 2000 | 94.8 | 96.3 | 96.5 | 96.6 | 96.7 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 1800 | 95.0 | 96.5 | 96.7 | 96.9 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 1500 | 95.7 | 97.3 | 97.5 | 97.7 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 1200 | 96.2 | 98.0 | 98.2 | 98.4 | 98.5 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1000 | 96.5 | 98.3 | 98.6 | 98.8 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 900 | 96.5 | 98.4 | 98.6 | 98.9 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 800 | 96.6 | 98.4 | 98.7 | 99.0 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 700 | 96.6 | 98.5 | 98.8 | 99.1 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 96.6 | 98.5 | 98.9 | 99.2 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 500 | 96.6 | 98.7 | 99.0 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 96.6 | 98.7 | 99.1 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 96.6 | 98.7 | 99.1 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 96.6 | 98.7 | 99.1 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 100 | 96.6 | 98.7 | 99.1 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 50 | 96.6 | 98.7 | 99.1 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 1200

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722665

LYESS AFB TX

73-82

STATION NAME

YEARS

MOON

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0000

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 83.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 20000 | 88.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 18000 | 88.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 16000 | 88.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 14000 | 88.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 12000 | 88.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 10000 | 91.5 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 9000 | 92.2 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 8000 | 93.1 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 7000 | 93.4 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 6000 | 93.7 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 5000 | 94.1 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 4500 | 94.4 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 4000 | 95.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 3500 | 95.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 3000 | 95.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 2500 | 95.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 2000 | 96.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1800 | 96.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1500 | 96.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 1200 | 96.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1000 | 97.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 900 | 97.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 800 | 97.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 700 | 97.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 600 | 97.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 500 | 97.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 400 | 97.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 300 | 97.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 200 | 97.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 100 | 97.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 0 | 97.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722565

DYESS AFB TX

73-87

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

332-9502

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 78.6 | 78.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 20000 | 83.3 | 83.8 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| ≥ 18000 | 83.3 | 83.8 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| ≥ 16000 | 83.3 | 83.8 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| ≥ 14000 | 83.7 | 84.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 12000 | 86.8 | 87.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 10000 | 88.9 | 89.4 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 9000 | 89.6 | 90.0 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 8000 | 91.5 | 92.4 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 7000 | 91.6 | 92.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 6000 | 92.2 | 93.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 5000 | 92.6 | 94.0 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 4500 | 93.3 | 94.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 4000 | 94.5 | 96.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 3500 | 94.5 | 96.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 3000 | 95.2 | 96.7 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 2500 | 95.5 | 97.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 2000 | 95.5 | 97.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1800 | 95.6 | 97.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 1500 | 95.8 | 97.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 1200 | 95.9 | 97.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1000 | 96.1 | 98.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 900 | 96.1 | 98.4 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 800 | 96.2 | 98.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 700 | 96.2 | 98.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 96.2 | 98.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 96.3 | 98.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 96.3 | 98.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 96.3 | 98.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 96.3 | 98.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 96.3 | 98.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 96.3 | 98.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722665

WYESS AFB TX

73-82

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING
≥ 20000 | 74.5 | 75.7 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 18000 | 79.7 | 81.1 | 81.5 | 81.6 | 81.6 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 16000 | 79.7 | 81.1 | 81.5 | 81.6 | 81.6 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 14000 | 80.3 | 81.8 | 82.3 | 82.4 | 82.4 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 12000 | 82.2 | 83.9 | 84.3 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 10000 | 85.2 | 87.1 | 87.5 | 87.6 | 87.6 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 9000 | 85.2 | 87.1 | 87.5 | 87.6 | 87.6 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 8000 | 87.7 | 89.0 | 89.5 | 89.6 | 89.6 | 89.7 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 7000 | 88.0 | 90.1 | 90.5 | 90.6 | 90.6 | 90.8 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 6000 | 88.4 | 90.5 | 91.0 | 91.1 | 91.1 | 91.2 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 5000 | 89.7 | 91.8 | 92.3 | 92.5 | 92.6 | 92.7 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 4500 | 89.7 | 91.9 | 92.4 | 92.6 | 92.7 | 92.8 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 4000 | 90.1 | 92.4 | 92.8 | 93.1 | 93.2 | 93.3 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 3500 | 90.2 | 92.5 | 92.9 | 93.2 | 93.3 | 93.4 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 3000 | 90.5 | 92.8 | 93.2 | 93.5 | 93.7 | 93.8 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 2500 | 91.0 | 93.2 | 93.7 | 94.0 | 94.1 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 2000 | 91.2 | 93.7 | 94.2 | 94.5 | 94.6 | 94.7 | 94.9 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 1800 | 91.2 | 93.7 | 94.2 | 94.5 | 94.6 | 94.7 | 94.9 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 1500 | 91.8 | 94.5 | 95.1 | 95.4 | 95.5 | 95.6 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 1200 | 92.5 | 95.5 | 96.0 | 96.3 | 96.5 | 96.6 | 96.8 | 96.8 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1000 | 93.0 | 96.1 | 96.7 | 97.0 | 97.1 | 97.2 | 97.7 | 97.7 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 900 | 93.1 | 96.3 | 96.9 | 97.3 | 97.4 | 97.5 | 98.1 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 800 | 93.1 | 96.3 | 96.9 | 97.3 | 97.4 | 97.5 | 98.1 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 700 | 93.4 | 96.8 | 97.3 | 97.7 | 97.8 | 98.0 | 98.5 | 98.5 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 600 | 93.4 | 97.0 | 97.6 | 98.1 | 98.2 | 98.3 | 98.9 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 500 | 93.5 | 97.3 | 98.1 | 98.6 | 98.7 | 98.8 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 93.7 | 97.4 | 98.2 | 98.7 | 98.8 | 98.9 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 93.7 | 97.4 | 98.2 | 98.7 | 98.8 | 98.9 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 93.7 | 97.4 | 98.2 | 98.7 | 98.8 | 98.9 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 93.7 | 97.4 | 98.2 | 98.7 | 98.8 | 98.9 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 93.7 | 97.4 | 98.2 | 98.7 | 98.8 | 98.9 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722665
STATION

DYESS AFB TX
STATION NAME

73-87
YEAR

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
TIME

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .5 | ≥ .3 | ≥ .25 | ≥ .2 | ≥ .15 | ≥ .1 | ≥ 0 |
| NO CEILING | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| ≥ 20000 | 78.0 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 18000 | 78.1 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 16000 | 78.1 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 14000 | 79.2 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| ≥ 12000 | 81.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 10000 | 84.8 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 9000 | 85.6 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 8000 | 87.6 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 7000 | 88.4 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 6000 | 89.2 | 90.6 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 5000 | 90.2 | 91.6 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 4500 | 90.4 | 91.8 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 4000 | 90.4 | 92.2 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 3500 | 91.2 | 92.6 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 3000 | 92.2 | 93.7 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 2500 | 93.0 | 94.6 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 2000 | 94.6 | 96.2 | 96.6 | 96.7 | 96.7 | 96.8 | 96.8 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1800 | 94.6 | 96.2 | 96.6 | 96.7 | 96.7 | 96.8 | 96.8 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1500 | 95.5 | 97.3 | 97.6 | 97.8 | 97.8 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 1200 | 95.7 | 97.6 | 98.0 | 98.2 | 98.2 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 1000 | 96.2 | 98.7 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 900 | 96.2 | 98.8 | 99.1 | 99.4 | 99.4 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 800 | 96.2 | 98.8 | 99.1 | 99.4 | 99.4 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 700 | 96.3 | 98.9 | 99.2 | 99.5 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 96.3 | 98.9 | 99.2 | 99.5 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 96.5 | 99.0 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 96.5 | 99.0 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 96.5 | 99.0 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 96.5 | 99.0 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 96.5 | 99.0 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 96.5 | 99.0 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

2

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722665

DYESS AFB TX

STATION NAME

73-82

YEARS

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1230-1400

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥8 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.8 | ≥.6 | ≥.5 | ≥.4 | ≥.3 | ≥.2 |
| NO CEILING | 71.1 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 20000 | 76.9 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| ≥ 18000 | 77.0 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| ≥ 16000 | 77.0 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| ≥ 14000 | 79.0 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 12000 | 80.4 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 10000 | 83.3 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 9000 | 83.8 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 8000 | 86.2 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 7000 | 86.9 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 6000 | 88.2 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 5000 | 89.5 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| ≥ 4500 | 90.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 4000 | 92.2 | 93.3 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 3500 | 93.9 | 95.2 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 3000 | 95.6 | 96.9 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 2500 | 96.0 | 97.3 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 2000 | 96.7 | 98.1 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 1800 | 97.0 | 98.4 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 |
| ≥ 1500 | 97.1 | 98.5 | 98.7 | 99.0 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 |
| ≥ 1200 | 97.1 | 99.0 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| ≥ 1000 | 97.2 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 900 | 97.2 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 800 | 97.2 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 700 | 97.2 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 600 | 97.2 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 500 | 97.2 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 400 | 97.2 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 300 | 97.2 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 200 | 97.2 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | 97.2 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 97.2 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 1 JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72266*

DYESS AFB TX

73-82

111

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1520-1720

| | | VISIBILITY: STATUTE MILES | | | | | | | | | | | | | | | |
|----|------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 2.0 | 2.6 | 2.5 | 2.4 | 2.3 | 2.2 | 2.1 | 2.0 | 1.9 | 1.8 | 1.7 | 1.6 | 1.5 | 1.4 | 1.3 | 1.2 |
| 1 | 1000 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| 2 | 900 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| 3 | 800 | 79.2 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| 4 | 700 | 79.4 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| 5 | 600 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| 6 | 500 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| 7 | 400 | 85.9 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| 8 | 300 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| 9 | 200 | 88.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| 10 | 100 | 89.1 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 11 | 500 | 90.9 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| 12 | 400 | 92.5 | 93.5 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| 13 | 300 | 92.8 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| 14 | 200 | 94.2 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 |
| 15 | 100 | 95.2 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 |
| 16 | 500 | 95.8 | 97.3 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 |
| 17 | 400 | 96.1 | 97.6 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 |
| 18 | 300 | 96.6 | 98.2 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 |
| 19 | 200 | 96.6 | 98.2 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 |
| 20 | 100 | 96.7 | 98.3 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 |
| 21 | 500 | 97.2 | 99.3 | 99.1 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| 22 | 400 | 97.2 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| 23 | 300 | 97.2 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| 24 | 200 | 97.2 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| 25 | 100 | 97.2 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| 26 | 500 | 97.2 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| 27 | 400 | 97.2 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| 28 | 300 | 97.2 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| 29 | 200 | 97.2 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| 30 | 100 | 97.2 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722565

DYESS AFB TX

73-82

YEARS

1111

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥8 | ≥6 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 72.6 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 20000 | 85.1 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| 18000 | 85.3 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| 16000 | 85.4 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| 14000 | 86.7 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| 12000 | 88.1 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| 10000 | 90.4 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| 9000 | 90.9 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| 8000 | 93.7 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| 7000 | 94.4 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| 6000 | 95.3 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| 5000 | 96.3 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| 4500 | 97.0 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| 4000 | 97.3 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| 3500 | 97.4 | 98.5 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 3000 | 97.6 | 98.7 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| 2500 | 98.0 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 2000 | 98.1 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 1800 | 98.1 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 1500 | 98.1 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 1200 | 98.4 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 1000 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 900 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 800 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 700 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 600 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 500 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 400 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 300 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 200 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 100 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 98.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 910

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722665

UYESS AFB TX

73-82

141

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥8 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 82.8 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 20000 | 89.8 | 91.3 | 92.3 | 92.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 18000 | 89.8 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 16000 | 89.9 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 14000 | 90.2 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 12000 | 91.4 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 10000 | 93.0 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 9000 | 93.2 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 8000 | 94.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 7000 | 94.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 6000 | 95.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 5000 | 96.3 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 4500 | 96.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 4000 | 97.2 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 3500 | 97.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 3000 | 97.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 2500 | 97.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 2000 | 97.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1500 | 97.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1000 | 97.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 800 | 98.1 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 98.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 98.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 98.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 98.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 98.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 50 | 98.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 20 | 98.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 10 | 98.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC D-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722665 DYESS AFB TX STATION NAME

73-82 YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING
FEET | VISIBILITY, STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|---------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|--------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 |
| NO CEILING | 75.9 | 76.1 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| ≥ 20000 | 82.5 | 83.1 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| 18000 | 82.6 | 83.2 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| 16000 | 82.6 | 83.3 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| 14000 | 83.6 | 84.2 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| 12000 | 85.3 | 86.1 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| 10000 | 87.8 | 88.8 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| 9000 | 88.1 | 89.3 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| 8000 | 90.3 | 91.4 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| 7000 | 90.8 | 92.0 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| 6000 | 91.6 | 92.8 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| 5000 | 92.6 | 94.0 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| 4500 | 93.1 | 94.5 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| 4000 | 94.0 | 95.4 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| 3500 | 94.4 | 95.9 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| 3000 | 95.0 | 96.5 | 96.8 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 |
| 2500 | 95.3 | 96.9 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 2000 | 95.8 | 97.5 | 97.8 | 97.9 | 97.9 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 1800 | 95.9 | 97.5 | 97.8 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| 1500 | 96.2 | 97.9 | 98.2 | 98.4 | 98.4 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 1200 | 96.5 | 98.4 | 98.7 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 1000 | 96.7 | 98.8 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 900 | 96.7 | 98.9 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 800 | 96.7 | 98.9 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 700 | 96.8 | 99.0 | 99.3 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 600 | 96.8 | 99.0 | 99.3 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 500 | 96.8 | 99.1 | 99.4 | 99.6 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| 400 | 96.8 | 99.1 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 300 | 96.8 | 99.1 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 200 | 96.8 | 99.1 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 100 | 96.8 | 99.1 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 96.8 | 99.1 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7280

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722665

EYESS AFB TX

73-82

AGE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2400

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|
| | ≥10 | ≥8 | ≥6 | ≥4 | ≥3 | ≥2 | ≥1 | ≥1/2 | ≥1/4 | ≥1/8 | ≥1/16 | ≥1/32 | ≥1/64 | ≥1/128 | ≥1/256 | ≥1/512 |
| NO CEILING | 79.6 | 93.2 | 87.2 | 80.2 | 87.2 | 90.2 | 87.2 | 90.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 20000 | 57.1 | 97.7 | 87.7 | 87.7 | 87.7 | 97.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 18000 | 67.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 16000 | 57.2 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 14000 | 87.8 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 12000 | 89.7 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 10000 | 91.8 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 9000 | 91.8 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 8000 | 92.8 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 7000 | 93.7 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 6000 | 93.9 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 5000 | 94.6 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 4500 | 94.9 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 4000 | 95.1 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 3500 | 95.2 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 3000 | 95.2 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 2500 | 95.2 | 97.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 2000 | 95.2 | 97.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 1800 | 95.2 | 97.2 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 1600 | 95.7 | 97.7 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1400 | 96.7 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1200 | 96.1 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1000 | 96.1 | 98.9 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 900 | 96.1 | 98.9 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 800 | 96.1 | 98.9 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | 96.1 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 96.1 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 96.1 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 96.1 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 96.1 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 96.1 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 96.1 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 96.1 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

102665

WYESS AFB TX

73-62

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-2500

| CEILING
FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|------------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 20 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| NO. OF
OBSERVATIONS | 76.5 | 77.4 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.8 |
| 20000 | 83.1 | 84.3 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.7 |
| 18000 | 83.1 | 84.3 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.7 |
| 16000 | 83.1 | 84.3 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.7 |
| 14000 | 84.1 | 85.4 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.8 |
| 12000 | 86.1 | 87.5 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.9 |
| 10000 | 88.1 | 89.4 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.9 |
| 9000 | 88.1 | 89.4 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.9 |
| 8000 | 89.1 | 91.2 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.6 |
| 7000 | 89.4 | 91.5 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.9 |
| 6000 | 89.9 | 92.1 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.5 |
| 5000 | 91.1 | 91.2 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.7 |
| 4500 | 91.4 | 93.7 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.2 |
| 4000 | 91.7 | 94.5 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 95.1 |
| 3500 | 92.1 | 94.8 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.4 |
| 3000 | 92.2 | 95.3 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.8 |
| 2500 | 92.2 | 95.3 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.8 |
| 2000 | 92.3 | 95.5 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 96.0 |
| 1800 | 92.5 | 95.7 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.2 |
| 1600 | 93.1 | 96.5 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 |
| 1400 | 93.2 | 97.1 | 97.4 | 97.4 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 |
| 1200 | 93.5 | 97.8 | 98.3 | 98.4 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 |
| 1000 | 93.7 | 98.1 | 98.5 | 98.6 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 |
| 900 | 93.8 | 98.4 | 98.8 | 98.9 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 |
| 800 | 93.8 | 98.4 | 98.8 | 98.9 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 |
| 700 | 93.8 | 98.5 | 98.9 | 99.0 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 |
| 600 | 93.8 | 98.5 | 98.9 | 99.1 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 |
| 500 | 93.8 | 98.5 | 98.9 | 99.1 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 |
| 400 | 93.8 | 98.5 | 98.9 | 99.1 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 |
| 300 | 93.8 | 98.5 | 98.9 | 99.1 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 |
| 200 | 93.8 | 98.5 | 98.9 | 99.1 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 |
| 100 | 93.8 | 98.5 | 98.9 | 99.1 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 |
| 0 | 93.8 | 98.5 | 98.9 | 99.1 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722665 14YE'S AFB TX

73-87

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

14YE-1400

| CEILING
FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 20 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 20000 | 61.4 | 71.3 | 71.5 | 71.6 | 71.7 | 71.8 | 71.9 | 71.9 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| 18000 | 74.3 | 77.2 | 77.4 | 77.5 | 77.6 | 77.7 | 77.9 | 77.8 | 77.8 | 77.8 | 78.0 | 78.0 | 78.0 | 78.0 | 78.1 | 78.1 |
| 16000 | 74.3 | 77.3 | 77.5 | 77.6 | 77.7 | 77.8 | 79.0 | 78.0 | 78.0 | 78.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.2 | 79.2 |
| 14000 | 74.4 | 77.6 | 77.8 | 78.0 | 78.1 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.4 | 79.4 | 79.4 | 79.4 | 79.5 | 79.5 |
| 12000 | 75.5 | 78.5 | 78.7 | 78.8 | 79.0 | 79.1 | 79.4 | 79.4 | 79.4 | 79.4 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| 10000 | 78.5 | 81.7 | 81.9 | 82.0 | 82.3 | 82.4 | 82.6 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.8 | 82.8 |
| 8000 | 83.1 | 86.8 | 87.3 | 87.1 | 87.6 | 87.7 | 88.0 | 88.0 | 88.0 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.2 | 88.2 |
| 6000 | 83.1 | 86.8 | 87.0 | 87.1 | 87.6 | 87.7 | 88.0 | 88.0 | 88.0 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.2 | 88.2 |
| 4000 | 84.5 | 88.2 | 88.4 | 88.5 | 89.0 | 89.1 | 89.4 | 89.4 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.6 | 89.6 |
| 2000 | 85.5 | 89.1 | 89.4 | 89.5 | 90.0 | 90.1 | 90.3 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.5 | 90.5 |
| 1000 | 86.2 | 89.9 | 90.1 | 90.2 | 90.8 | 90.9 | 91.1 | 91.1 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.3 | 91.3 |
| 500 | 87.1 | 91.2 | 91.4 | 91.5 | 92.0 | 92.2 | 92.4 | 92.4 | 92.4 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.6 | 92.6 |
| 200 | 87.3 | 91.5 | 91.7 | 91.8 | 92.4 | 92.5 | 92.7 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.9 | 92.9 |
| 100 | 88.1 | 92.5 | 92.7 | 92.8 | 93.3 | 93.4 | 93.7 | 93.7 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.9 | 93.9 |
| 50 | 88.4 | 92.9 | 93.1 | 93.2 | 93.8 | 93.9 | 94.1 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 |
| 20 | 88.5 | 93.1 | 93.3 | 93.4 | 94.1 | 94.3 | 94.5 | 94.5 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 |
| 10 | 88.7 | 93.3 | 93.5 | 93.7 | 94.3 | 94.5 | 94.8 | 94.8 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 95.1 | 95.1 |
| 5 | 89.4 | 94.0 | 94.2 | 94.3 | 94.0 | 95.2 | 95.5 | 95.5 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 |
| 2 | 89.4 | 94.0 | 94.2 | 94.3 | 94.9 | 95.2 | 95.5 | 95.5 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 |
| 1 | 89.4 | 94.4 | 94.6 | 94.7 | 95.4 | 95.6 | 95.9 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 |
| 0 | 90.9 | 95.8 | 96.0 | 96.1 | 97.1 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 |
| 0.5 | 91.2 | 96.9 | 97.1 | 97.2 | 98.2 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 |
| 0.2 | 91.3 | 97.0 | 97.2 | 97.3 | 98.4 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 |
| 0.1 | 91.3 | 97.0 | 97.2 | 97.3 | 98.5 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 |
| 0.05 | 91.3 | 97.1 | 97.3 | 97.4 | 98.6 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 |
| 0.02 | 91.3 | 97.1 | 97.3 | 97.4 | 98.6 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 |
| 0.01 | 91.3 | 97.2 | 97.5 | 97.6 | 98.8 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 |
| 0.005 | 91.3 | 97.2 | 97.5 | 97.6 | 98.8 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 |
| 0.002 | 91.3 | 97.2 | 97.5 | 97.6 | 99.0 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.001 | 91.3 | 97.2 | 97.5 | 97.6 | 99.0 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0005 | 91.3 | 97.2 | 97.5 | 97.6 | 99.0 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 430

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722465

LYESS AFB TX

73-82

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

830-1100

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| 20000 | 71.2 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| 18000 | 77.7 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| 16000 | 77.7 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| 14000 | 79.2 | 79.4 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| 12000 | 81.5 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| 10000 | 85.5 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| 8000 | 85.5 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| 6000 | 86.7 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| 4000 | 87.5 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| 2000 | 88.3 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| 1000 | 89.1 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| 500 | 89.9 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| 200 | 90.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| 100 | 91.1 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| 50 | 91.4 | 92.6 | 92.7 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| 20 | 91.2 | 93.5 | 93.7 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| 10 | 92.4 | 95.4 | 95.5 | 95.6 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| 5 | 92.5 | 95.8 | 95.9 | 96.0 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| 2 | 93.7 | 97.2 | 97.4 | 97.5 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 1 | 93.3 | 97.7 | 98.0 | 98.1 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| 0.5 | 93.9 | 98.2 | 98.4 | 98.6 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 0.2 | 94.2 | 98.5 | 98.7 | 98.9 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 0.1 | 94.2 | 98.5 | 98.7 | 98.9 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 0.05 | 94.2 | 98.5 | 98.7 | 98.9 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 0.02 | 94.2 | 98.5 | 98.7 | 98.9 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 0.01 | 94.2 | 98.5 | 98.7 | 98.9 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 0.005 | 94.2 | 98.5 | 98.7 | 98.9 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 0.002 | 94.2 | 98.5 | 98.7 | 98.9 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 0.001 | 94.2 | 98.5 | 98.7 | 98.9 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722665
STATION

0YESS AFB TX
STATION NAME

73-87
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1250-1400
HOURS

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|--------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 | ≥0.005 |
| NO CEILING | 66.6 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| ≥20000 | 75.1 | 78.9 | 79.9 | 75.9 | 73.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥18000 | 78.4 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥16000 | 75.4 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥14000 | 79.9 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥12000 | 82.4 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥10000 | 85.2 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥9000 | 85.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥8000 | 86.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥7000 | 87.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥6000 | 88.7 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥5000 | 89.7 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| ≥4500 | 90.3 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥4000 | 92.7 | 93.5 | 93.5 | 93.7 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥3500 | 93.2 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥3000 | 94.4 | 96.5 | 96.7 | 96.8 | 96.8 | 96.8 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥2500 | 95.1 | 97.2 | 97.4 | 97.5 | 97.5 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥2000 | 95.5 | 97.7 | 98.0 | 98.1 | 98.1 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥1800 | 95.5 | 97.7 | 98.0 | 98.1 | 98.1 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥1500 | 95.9 | 98.5 | 98.7 | 98.8 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥1200 | 96.1 | 98.7 | 98.9 | 99.0 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥1000 | 96.1 | 98.8 | 99.0 | 99.1 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥900 | 96.1 | 98.9 | 99.1 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥800 | 96.1 | 98.9 | 99.1 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥700 | 96.1 | 98.9 | 99.1 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥600 | 96.1 | 98.9 | 99.1 | 99.2 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥500 | 96.1 | 98.9 | 99.1 | 99.2 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥400 | 96.1 | 98.9 | 99.1 | 99.2 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥300 | 96.1 | 98.9 | 99.1 | 99.2 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥200 | 96.1 | 98.9 | 99.1 | 99.2 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥100 | 96.1 | 98.9 | 99.1 | 99.2 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥50 | 96.1 | 98.9 | 99.1 | 99.2 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥20 | 96.1 | 98.9 | 99.1 | 99.2 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722665

LYESS AFB TX

73-82

AUC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| ≥ 20000 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 18000 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 16000 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 14000 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 12000 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 10000 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 9000 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 8000 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 7000 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 6000 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 5000 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 4500 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 4000 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 3500 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 3000 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 2500 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 2000 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1800 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 1500 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 1200 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 900 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 800 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 700 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
LSAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722665
STATION

CYESS AFB TX
STATION NAME

73-82
YEAR

AVE
DATE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
SUM

| CEILING
FEET | VISIBILITY, STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|---------------------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.0 | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.10 | ≥0.05 | ≥0.025 | ≥0.01 |
| NO CEILING | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥ 20000 | 83.2 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| ≥ 18000 | 83.9 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 16000 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 14000 | 85.6 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 12000 | 88.2 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 10000 | 90.9 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 9000 | 91.4 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 8000 | 92.9 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 7000 | 93.9 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 6000 | 94.1 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 5000 | 95.6 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 4500 | 95.8 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 4000 | 97.2 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 3500 | 97.6 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 3000 | 97.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 2500 | 97.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 2000 | 98.2 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 1800 | 98.2 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 1500 | 98.2 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 1200 | 98.2 | 99.1 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1000 | 98.2 | 99.1 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 900 | 98.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 800 | 98.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 700 | 98.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 600 | 98.2 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 98.2 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 98.2 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 98.2 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 98.2 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 98.2 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 98.2 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722665 DYESS AFB TX STATION NAME

73-82 YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1100-2100

| CEILING
FEET | VISIBILITY, STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|---------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.75 | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.1 | ≥0.05 | ≥0.01 |
| NO CEILING | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 20000 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| ≥ 18000 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 16000 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 14000 | 87.7 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 12000 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 10000 | 91.7 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 9000 | 91.8 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 8000 | 94.1 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 7000 | 94.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 6000 | 95.2 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 5000 | 96.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 4500 | 96.5 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 4000 | 96.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 3500 | 96.9 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 3000 | 97.3 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 2500 | 97.5 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 2000 | 97.6 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1800 | 97.6 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1500 | 97.8 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1200 | 98.1 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 1000 | 98.2 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 900 | 98.3 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 800 | 98.3 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 700 | 98.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 98.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 98.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 98.3 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 98.3 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 98.3 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 98.3 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 50 | 98.3 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722665
STATION

LYESS AFB TX

73-82

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO. CEILING | 73.7 | 73.8 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 20000 | 1.2 | 82.1 | 82.2 | 82.2 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 18000 | 81.5 | 82.4 | 82.5 | 82.5 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 16000 | 81.6 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 14000 | 82.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 12000 | 85.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 10000 | 88.7 | 89.3 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.6 | 89.6 |
| ≥ 9000 | 88.2 | 89.5 | 89.6 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 8000 | 89.5 | 90.8 | 90.9 | 90.9 | 91.0 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 7000 | 90.2 | 91.6 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 6000 | 90.8 | 92.3 | 92.4 | 92.4 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 5000 | 91.9 | 93.6 | 93.7 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 94.2 | 94.0 |
| ≥ 4500 | 92.5 | 94.2 | 94.3 | 94.3 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 4000 | 93.2 | 95.1 | 95.3 | 95.3 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 3500 | 93.8 | 95.8 | 95.9 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 |
| ≥ 3000 | 94.1 | 96.3 | 96.5 | 96.5 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 |
| ≥ 2500 | 94.4 | 96.6 | 96.8 | 96.8 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 |
| ≥ 2000 | 94.7 | 97.0 | 97.3 | 97.3 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 1800 | 94.8 | 97.1 | 97.4 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 1500 | 95.2 | 97.7 | 98.0 | 98.0 | 98.1 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1200 | 95.5 | 98.2 | 98.4 | 98.5 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 |
| ≥ 1000 | 95.6 | 98.5 | 98.8 | 98.9 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 |
| ≥ 900 | 95.7 | 98.7 | 99.0 | 99.0 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 |
| ≥ 800 | 95.7 | 98.7 | 99.0 | 99.1 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 700 | 95.7 | 98.8 | 99.1 | 99.1 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 |
| ≥ 600 | 95.7 | 98.9 | 99.1 | 99.2 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 95.7 | 98.9 | 99.2 | 99.3 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 95.7 | 98.9 | 99.2 | 99.3 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 95.7 | 98.9 | 99.2 | 99.3 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 200 | 95.7 | 98.9 | 99.2 | 99.3 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | 95.7 | 98.9 | 99.2 | 99.3 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 95.7 | 98.9 | 99.2 | 99.3 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7490

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722565

WYESS AFB TX

STATION NAME

73-82

YEAR

SEP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-0000

GROUP

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO. CEILING | 74.9 | 75.7 | 75.8 | 75.8 | 75.9 | 75.9 | 75.9 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 20000 | 77.4 | 78.3 | 78.4 | 78.4 | 78.6 | 78.6 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 18000 | 77.4 | 78.3 | 78.4 | 78.4 | 78.6 | 78.6 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 16000 | 77.4 | 78.3 | 78.4 | 78.4 | 78.6 | 78.6 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 14000 | 77.9 | 78.8 | 78.9 | 78.9 | 79.0 | 79.0 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 12000 | 79.1 | 80.0 | 80.2 | 80.2 | 80.3 | 80.3 | 80.3 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥ 10000 | 82.3 | 83.2 | 83.4 | 83.4 | 83.6 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 9000 | 82.4 | 83.7 | 83.9 | 83.9 | 84.0 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 8000 | 83.6 | 84.8 | 85.2 | 85.2 | 85.3 | 85.3 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 7000 | 84.7 | 85.2 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 6000 | 84.1 | 85.3 | 85.9 | 85.9 | 86.0 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 5000 | 84.7 | 86.0 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 4500 | 85.1 | 86.4 | 87.1 | 87.1 | 87.3 | 87.3 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 4000 | 85.6 | 87.2 | 87.9 | 87.9 | 88.1 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 3500 | 86.2 | 87.9 | 88.6 | 88.6 | 88.8 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 3000 | 86.6 | 88.2 | 88.9 | 88.9 | 89.1 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 2500 | 87.1 | 88.8 | 89.4 | 89.4 | 89.7 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 2000 | 87.4 | 89.1 | 89.8 | 89.8 | 90.0 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 1800 | 87.6 | 89.2 | 89.9 | 89.9 | 90.1 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 1600 | 88.4 | 90.3 | 91.0 | 91.0 | 91.2 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 1400 | 88.9 | 90.9 | 91.6 | 91.6 | 91.9 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 1200 | 89.8 | 91.8 | 92.4 | 92.4 | 92.8 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 1000 | 90.2 | 92.7 | 93.7 | 93.7 | 94.1 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 900 | 90.2 | 92.8 | 93.8 | 93.8 | 94.4 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 800 | 90.2 | 93.0 | 94.0 | 94.1 | 94.9 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 700 | 90.3 | 93.1 | 94.2 | 94.3 | 95.6 | 95.7 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 600 | 90.3 | 93.3 | 94.7 | 95.0 | 96.4 | 96.8 | 96.8 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 500 | 90.6 | 94.0 | 95.3 | 95.8 | 97.4 | 97.8 | 98.2 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 400 | 90.7 | 94.3 | 95.8 | 96.6 | 98.3 | 98.7 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | 90.7 | 94.3 | 95.8 | 96.6 | 98.7 | 99.0 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 90.7 | 94.3 | 95.8 | 96.6 | 98.7 | 99.0 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 90.7 | 94.3 | 95.8 | 96.6 | 98.7 | 99.0 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 90.7 | 94.3 | 95.8 | 96.6 | 98.7 | 99.0 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722665

UYESS AFB TX

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-0500

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|--------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 |
| NO CEILING | 71.8 | 73.7 | 73.8 | 74.3 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| ≥ 20000 | 74.4 | 76.3 | 76.4 | 77.0 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥ 18000 | 74.4 | 76.3 | 76.4 | 77.0 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥ 16000 | 74.4 | 76.3 | 76.4 | 77.0 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥ 14000 | 74.8 | 76.7 | 76.8 | 77.3 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| ≥ 12000 | 76.1 | 77.9 | 78.0 | 78.6 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 10000 | 78.3 | 80.1 | 80.2 | 80.9 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 9000 | 78.3 | 80.3 | 80.4 | 81.1 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 8000 | 79.3 | 81.2 | 81.4 | 82.3 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 7000 | 79.3 | 82.0 | 82.2 | 83.1 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 6000 | 80.0 | 82.3 | 82.6 | 83.4 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 5000 | 80.2 | 82.7 | 83.1 | 84.0 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 4500 | 80.4 | 83.0 | 83.7 | 84.6 | 84.9 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 4000 | 81.1 | 83.7 | 84.3 | 85.2 | 85.6 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 3500 | 81.7 | 84.2 | 84.9 | 85.8 | 86.1 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 3000 | 82.4 | 85.3 | 85.9 | 86.8 | 87.1 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 2500 | 82.9 | 85.4 | 86.3 | 87.2 | 87.6 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 2000 | 83.8 | 86.4 | 87.3 | 88.2 | 88.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 1800 | 83.8 | 86.4 | 87.3 | 88.2 | 88.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 1600 | 84.2 | 87.1 | 88.0 | 88.9 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 1400 | 84.9 | 87.8 | 88.7 | 89.6 | 89.9 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 1200 | 85.3 | 88.4 | 89.3 | 90.2 | 90.6 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 1000 | 85.9 | 89.1 | 90.4 | 91.7 | 92.1 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 900 | 86.0 | 89.3 | 90.8 | 92.3 | 92.9 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 800 | 86.3 | 89.7 | 91.1 | 92.9 | 93.7 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 700 | 86.4 | 90.2 | 91.9 | 94.1 | 95.2 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 600 | 86.6 | 90.8 | 92.6 | 95.1 | 96.2 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 500 | 86.7 | 91.0 | 93.0 | 95.8 | 97.2 | 97.8 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 400 | 86.7 | 91.1 | 93.6 | 96.6 | 98.2 | 98.8 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | 86.7 | 91.1 | 93.6 | 96.6 | 98.2 | 98.9 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200 | 86.7 | 91.1 | 93.6 | 96.6 | 98.2 | 98.9 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 100 | 86.7 | 91.1 | 93.6 | 96.6 | 98.2 | 98.9 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 0 | 86.7 | 91.1 | 93.6 | 96.6 | 98.2 | 98.9 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722565

WYESS AFB TX

STATION NAME

73-82

YEARS

SEP

YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0400-0800

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|-------|------|-------|--------|-------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 | ≥0 |
| NO CEILING | 59.7 | 61.9 | 62.3 | 62.7 | 62.8 | 62.8 | 63.7 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| ≥ 20000 | 61.1 | 64.2 | 64.7 | 65.3 | 65.4 | 65.4 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| ≥ 18000 | 61.4 | 64.6 | 65.0 | 65.7 | 65.8 | 65.8 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 16000 | 61.4 | 64.6 | 65.0 | 65.7 | 65.8 | 65.8 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 14000 | 62.2 | 65.3 | 65.8 | 66.4 | 66.6 | 66.6 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 |
| ≥ 12000 | 65.2 | 68.7 | 69.1 | 69.8 | 69.9 | 69.9 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| ≥ 10000 | 67.6 | 71.3 | 71.9 | 72.4 | 72.6 | 72.6 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 9000 | 68.3 | 72.1 | 72.6 | 73.3 | 73.4 | 73.4 | 73.7 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| ≥ 8000 | 69.6 | 73.3 | 73.8 | 74.7 | 74.8 | 74.8 | 75.0 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 7000 | 70.4 | 74.6 | 75.0 | 76.0 | 76.1 | 76.1 | 76.3 | 76.4 | 76.4 | 76.4 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 6000 | 71.3 | 75.4 | 75.9 | 76.9 | 77.0 | 77.0 | 77.2 | 77.3 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 5000 | 72.8 | 77.0 | 77.6 | 78.6 | 78.7 | 78.7 | 78.9 | 79.0 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 4500 | 73.2 | 77.7 | 78.2 | 79.2 | 79.8 | 79.8 | 80.0 | 80.1 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 4000 | 73.9 | 78.3 | 78.9 | 80.0 | 80.6 | 80.6 | 80.8 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 3500 | 74.1 | 78.8 | 79.3 | 80.4 | 81.0 | 81.0 | 81.3 | 81.4 | 81.4 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 3000 | 74.6 | 79.6 | 80.2 | 81.3 | 81.9 | 81.9 | 82.2 | 82.3 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| ≥ 2500 | 75.3 | 80.4 | 81.1 | 82.2 | 82.8 | 82.8 | 83.1 | 83.2 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 2000 | 76.4 | 82.1 | 82.8 | 83.9 | 84.4 | 84.4 | 84.8 | 84.9 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| ≥ 1800 | 77.0 | 82.7 | 83.3 | 84.4 | 85.0 | 85.0 | 85.3 | 85.4 | 85.4 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 1500 | 77.9 | 84.0 | 84.8 | 85.9 | 86.4 | 86.4 | 86.8 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 1200 | 79.2 | 85.4 | 86.3 | 87.4 | 88.0 | 88.0 | 88.3 | 88.4 | 88.4 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 1000 | 79.9 | 86.7 | 87.7 | 88.8 | 89.6 | 89.6 | 89.9 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 900 | 80.0 | 87.8 | 88.8 | 90.1 | 91.1 | 91.2 | 91.6 | 91.7 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 800 | 80.0 | 87.8 | 88.9 | 90.4 | 91.4 | 91.6 | 91.9 | 92.0 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 700 | 80.1 | 88.1 | 89.3 | 91.1 | 92.1 | 92.2 | 92.6 | 92.7 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 600 | 80.1 | 88.4 | 89.9 | 92.6 | 93.8 | 93.9 | 94.4 | 94.6 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 500 | 80.4 | 89.2 | 91.3 | 94.0 | 95.2 | 95.3 | 95.9 | 96.0 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 400 | 80.4 | 89.6 | 91.7 | 94.6 | 95.9 | 96.1 | 97.1 | 97.4 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 300 | 80.6 | 90.1 | 92.4 | 95.6 | 97.0 | 97.2 | 98.3 | 98.9 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 200 | 80.6 | 90.1 | 92.4 | 95.6 | 97.0 | 97.2 | 98.6 | 99.1 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 100 | 80.6 | 90.1 | 92.4 | 95.6 | 97.0 | 97.2 | 98.6 | 99.1 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 50 | 80.6 | 90.1 | 92.4 | 95.6 | 97.0 | 97.2 | 98.6 | 99.1 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFB WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722665

LYESS AFB TX

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1100

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO. OF
OBS. | 61.1 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| ≥2000 | 64.1 | 66.3 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| ≥1800 | 64.3 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| ≥1600 | 64.4 | 66.3 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| ≥1400 | 66.7 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| ≥1200 | 69.1 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥1000 | 71.8 | 74.3 | 74.5 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥900 | 72.9 | 75.4 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥800 | 74.3 | 77.0 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥700 | 75.1 | 78.2 | 78.4 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥600 | 75.3 | 78.8 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥500 | 75.9 | 79.4 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| ≥450 | 76.3 | 79.9 | 80.2 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| ≥400 | 77.2 | 80.9 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥350 | 78.2 | 82.3 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥300 | 78.8 | 83.3 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥250 | 80.1 | 85.1 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥200 | 81.1 | 86.3 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥180 | 81.9 | 87.3 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥150 | 82.7 | 88.6 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥100 | 84.2 | 90.9 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥90 | 84.4 | 91.7 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥80 | 84.6 | 92.3 | 93.0 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥70 | 84.7 | 93.1 | 93.8 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥60 | 85.0 | 94.1 | 95.1 | 95.6 | 95.7 | 95.7 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥50 | 85.0 | 94.4 | 95.7 | 96.8 | 96.9 | 97.0 | 97.7 | 98.0 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥40 | 85.0 | 94.7 | 96.0 | 97.1 | 97.2 | 97.3 | 98.0 | 98.7 | 98.9 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥30 | 85.0 | 94.7 | 96.2 | 97.4 | 97.6 | 97.7 | 98.3 | 99.0 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥20 | 85.0 | 94.7 | 96.2 | 97.4 | 97.7 | 97.8 | 98.4 | 99.1 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥10 | 85.0 | 94.7 | 96.2 | 97.4 | 97.7 | 97.8 | 98.4 | 99.1 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥0 | 85.7 | 94.7 | 96.2 | 97.4 | 97.7 | 97.8 | 98.4 | 99.1 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722565

LYESS AFB TX

73-82

5-5

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12-0-1400

| CEILING
FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|--------|-------|
| | ≥10 | ≥9 | ≥8 | ≥7 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥1 | ≥0.5 | ≥0.25 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 |
| NO. CEILING | 61.7 | 62.1 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 |
| ≥ 20000 | 52.2 | 68.6 | 69.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| ≥ 18000 | 68.2 | 68.6 | 69.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| ≥ 16000 | 69.2 | 68.6 | 69.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| ≥ 14000 | 69.9 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| ≥ 12000 | 72.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥ 10000 | 74.9 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| ≥ 9000 | 75.4 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 8000 | 78.2 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥ 7000 | 79.7 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| ≥ 6000 | 79.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 5000 | 80.3 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥ 4500 | 81.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 4000 | 82.9 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 3500 | 84.8 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 3000 | 86.2 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 2500 | 87.2 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 2000 | 88.3 | 91.4 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 1800 | 88.4 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 1500 | 89.4 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 1200 | 90.0 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 1000 | 90.3 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 900 | 90.6 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 800 | 90.3 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 700 | 90.3 | 96.4 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 600 | 90.9 | 97.1 | 97.3 | 97.7 | 97.7 | 97.7 | 97.7 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 500 | 90.9 | 97.4 | 97.8 | 98.4 | 98.7 | 98.7 | 98.7 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 400 | 90.9 | 97.4 | 97.9 | 98.6 | 98.8 | 98.8 | 98.8 | 99.2 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 90.9 | 97.4 | 97.9 | 98.6 | 98.8 | 98.8 | 98.8 | 99.2 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 90.9 | 97.4 | 97.9 | 98.6 | 98.8 | 98.8 | 98.8 | 99.2 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 90.9 | 97.4 | 97.9 | 98.6 | 98.8 | 98.8 | 98.8 | 99.2 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 50 | 90.9 | 97.4 | 97.9 | 98.6 | 98.8 | 98.8 | 98.8 | 99.2 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 20 | 90.9 | 97.4 | 97.9 | 98.6 | 98.8 | 98.8 | 98.8 | 99.2 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

CEILING VERSUS VISIBILITY

73-82

1522-1720

SUBJECT: S' A' - TE MILE

| | | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| 1.5 | 61.5 | 61.5 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 |
| 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| 71.4 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| 73.3 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| 79.4 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| -1.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| -2.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| -2.9 | 82.9 | 82.9 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| -5.4 | 85.7 | 85.7 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| -6.1 | 86.3 | 86.3 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| -6.9 | 87.4 | 87.4 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| -7.7 | 89.2 | 89.2 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| 89.1 | 89.9 | 89.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| 89.3 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| 91.1 | 91.9 | 91.9 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| 91.7 | 92.4 | 92.4 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| 92.1 | 92.7 | 92.6 | 95.1 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| 93.2 | 94.2 | 95.1 | 95.7 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| -3.6 | 94.8 | 95.7 | 96.2 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| -3.9 | 95.1 | 96.1 | 96.7 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| 93.9 | 97.4 | 96.4 | 97.0 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| 94.1 | 95.7 | 96.8 | 97.3 | 97.3 | 97.3 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| 94.3 | 96.3 | 97.1 | 97.8 | 97.8 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| 94.4 | 96.6 | 97.7 | 98.4 | 98.7 | 98.7 | 98.7 | 99.0 | 99.2 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 94.4 | 96.6 | 97.7 | 98.4 | 98.7 | 98.7 | 98.7 | 99.1 | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 94.4 | 96.6 | 97.7 | 98.4 | 98.7 | 98.7 | 98.7 | 99.1 | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 94.4 | 96.6 | 97.7 | 98.4 | 98.7 | 98.7 | 98.7 | 99.1 | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 94.4 | 96.6 | 97.7 | 98.4 | 98.7 | 98.7 | 98.7 | 99.1 | 99.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS _____ 920

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SEAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

702465

LYESS AFB TX

73-87

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1-1-87-2-2-87

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 10000 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| 9000 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| 8000 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| 7000 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| 6000 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| 5000 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| 4000 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| 3000 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| 2000 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| 1000 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 6000 | 86.1 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| 5000 | 87.7 | 88.4 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| 4000 | 88.4 | 89.2 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| 3000 | 89.3 | 90.3 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| 2000 | 91.3 | 91.4 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| 1000 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| 6000 | 91.6 | 92.7 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| 5000 | 92.1 | 93.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| 4000 | 92.1 | 93.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| 3000 | 92.7 | 93.8 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| 2000 | 93.1 | 94.2 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| 1000 | 93.4 | 94.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| 6000 | 93.4 | 94.8 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| 5000 | 93.9 | 95.2 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| 4000 | 93.8 | 95.2 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| 3000 | 94.1 | 95.6 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| 2000 | 94.2 | 96.1 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| 1000 | 94.2 | 96.1 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| 6000 | 94.2 | 96.1 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| 5000 | 94.2 | 96.1 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| 4000 | 94.2 | 96.1 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| 3000 | 94.2 | 96.1 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| 2000 | 94.2 | 96.1 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| 1000 | 94.2 | 96.1 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |

TOTAL NUMBER OF OBSERVATIONS 920

U.S. CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722665 DYESS AFB TX

73-82

5-5

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

| CEILING
FEET | VISIBILITY STAT IN MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥2 | ≥2 | ≥2 | ≥2 | ≥2 | ≥2 | ≥2 | ≥2 | ≥2 |
| ≥20000 | 65.9 | 67.0 | 67.3 | 67.2 | 67.2 | 67.2 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| ≥18000 | 70.9 | 72.1 | 72.1 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥16000 | 71.1 | 72.3 | 72.3 | 72.5 | 72.5 | 72.5 | 72.5 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 |
| ≥14000 | 72.3 | 73.5 | 73.6 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| ≥12000 | 74.2 | 75.5 | 75.6 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥10000 | 77.1 | 78.5 | 78.7 | 78.8 | 78.9 | 78.9 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| ≥8000 | 77.7 | 79.2 | 79.3 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥6000 | 79.3 | 80.8 | 81.1 | 81.2 | 81.3 | 81.3 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥4000 | 80.1 | 81.8 | 82.0 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥2000 | 80.5 | 81.3 | 81.6 | 82.9 | 82.9 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥1000 | 81.7 | 83.7 | 84.1 | 84.3 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥500 | 82.2 | 84.2 | 84.6 | 84.9 | 85.0 | 85.1 | 85.1 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥200 | 83.1 | 85.3 | 85.8 | 86.1 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥100 | 83.9 | 85.4 | 86.9 | 87.2 | 87.4 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥50 | 84.7 | 87.2 | 87.8 | 88.1 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥20 | 85.4 | 88.1 | 88.6 | 89.1 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥10 | 86.2 | 89.1 | 89.7 | 90.0 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥5 | 86.5 | 89.4 | 90.1 | 90.4 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥2 | 87.1 | 90.4 | 91.2 | 91.5 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥1 | 88.1 | 91.3 | 92.1 | 92.5 | 92.7 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥0.5 | 88.4 | 92.0 | 92.6 | 93.2 | 93.5 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥0.2 | 88.6 | 92.6 | 93.6 | 94.0 | 94.4 | 94.4 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥0.1 | 88.9 | 92.9 | 93.9 | 94.4 | 94.8 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥0.05 | 88.9 | 93.3 | 94.3 | 94.9 | 95.4 | 95.4 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥0.02 | 89.1 | 93.8 | 94.8 | 95.6 | 96.4 | 96.5 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥0.01 | 89.1 | 94.3 | 95.7 | 96.7 | 97.5 | 97.6 | 97.9 | 98.1 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥0.005 | 89.3 | 94.5 | 96.1 | 97.1 | 97.9 | 98.1 | 98.6 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥0.002 | 89.3 | 94.7 | 96.2 | 97.5 | 98.3 | 98.5 | 99.1 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥0.001 | 89.3 | 94.7 | 96.2 | 97.5 | 98.4 | 98.6 | 99.2 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥0.0005 | 89.3 | 94.7 | 96.2 | 97.5 | 98.4 | 98.6 | 99.2 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 7000

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

762465 CYE'S AFB TX

73-87

CC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-0000

| CEILING
FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| ≥10000 | 73.8 | 74.3 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| 9000 | 77.4 | 73.3 | 73.3 | 78.0 | 79.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| 8000 | 77.7 | 78.3 | 79.3 | 78.3 | 79.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| 7000 | 77.7 | 78.3 | 79.3 | 78.3 | 79.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| 6000 | 77.2 | 79.7 | 79.7 | 79.7 | 79.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| 5000 | 79.4 | 79.9 | 79.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 4000 | 81.3 | 82.0 | 82.0 | 82.0 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| 3000 | 81.3 | 82.0 | 82.0 | 82.0 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| 2000 | 82.3 | 83.0 | 83.0 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| 1000 | 83.1 | 83.9 | 83.9 | 83.9 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥5000 | 83.2 | 84.0 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| 4000 | 85.1 | 86.0 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| 3000 | 85.9 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| 2000 | 88.9 | 89.4 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| 1000 | 88.9 | 90.1 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥5000 | 89.8 | 91.1 | 91.1 | 91.1 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| 4000 | 90.3 | 92.2 | 92.2 | 92.2 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| 3000 | 91.3 | 92.4 | 92.4 | 92.4 | 93.1 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| 2000 | 91.2 | 92.6 | 92.6 | 92.6 | 93.0 | 93.3 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| 1000 | 91.6 | 93.2 | 93.2 | 93.2 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥5000 | 91.7 | 94.0 | 94.0 | 94.0 | 94.8 | 94.8 | 94.8 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| 4000 | 92.4 | 94.4 | 94.4 | 94.4 | 95.3 | 95.3 | 95.3 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| 3000 | 92.4 | 94.7 | 94.7 | 94.7 | 95.3 | 95.6 | 95.6 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| 2000 | 92.5 | 94.9 | 94.9 | 94.9 | 96.2 | 96.2 | 96.2 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| 1000 | 92.7 | 95.2 | 95.2 | 95.2 | 96.6 | 96.6 | 96.6 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥5000 | 92.7 | 95.5 | 95.5 | 95.5 | 97.2 | 97.5 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 4000 | 92.7 | 95.7 | 95.7 | 95.7 | 98.1 | 98.1 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| 3000 | 92.8 | 96.0 | 96.0 | 96.0 | 99.0 | 99.0 | 99.0 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 2000 | 92.8 | 96.0 | 96.0 | 96.0 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 1000 | 92.8 | 96.1 | 96.1 | 96.1 | 99.5 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥5000 | 92.8 | 96.1 | 96.1 | 96.1 | 99.5 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 4000 | 92.8 | 96.1 | 96.1 | 96.1 | 99.5 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
CAPSTAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722665 WESS AFB TX STATION NAME

73-82 YEAR

061

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

130-0500

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|-------|------|-------|--------|-------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 | ≥0 |
| 20000 | 72.4 | 73.0 | 73.7 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| 18000 | 77.2 | 78.0 | 78.0 | 78.1 | 79.2 | 78.2 | 78.2 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| 16000 | 77.2 | 78.0 | 78.0 | 78.1 | 73.2 | 78.2 | 78.2 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| 14000 | 77.5 | 78.3 | 78.3 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| 12000 | 78.9 | 79.7 | 79.7 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 10000 | 80.1 | 81.0 | 81.7 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| 8000 | 80.1 | 81.0 | 81.7 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| 6000 | 81.7 | 82.4 | 82.4 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| 5000 | 82.1 | 83.1 | 83.1 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| 4000 | 82.4 | 83.2 | 83.2 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| 3000 | 83.1 | 84.2 | 84.2 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| 2000 | 84.4 | 85.3 | 85.3 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| 1500 | 86.5 | 87.3 | 87.5 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| 1000 | 87.1 | 88.0 | 88.2 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| 800 | 88.5 | 89.5 | 89.8 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| 600 | 89.5 | 90.8 | 91.1 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| 400 | 89.9 | 91.4 | 91.7 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| 300 | 90.1 | 91.7 | 92.0 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| 200 | 90.7 | 91.6 | 92.2 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| 100 | 90.5 | 92.3 | 92.6 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| 80 | 91.5 | 93.4 | 93.8 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| 60 | 91.7 | 94.2 | 94.5 | 95.1 | 95.2 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| 40 | 91.9 | 94.5 | 94.8 | 95.7 | 95.8 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| 30 | 91.9 | 94.6 | 95.3 | 96.1 | 96.2 | 96.3 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| 20 | 91.9 | 94.8 | 95.6 | 96.5 | 96.6 | 96.7 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| 10 | 92.3 | 95.2 | 95.9 | 96.8 | 96.9 | 97.0 | 97.1 | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| 8 | 92.4 | 95.4 | 96.2 | 97.5 | 98.0 | 98.1 | 98.2 | 98.3 | 98.4 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 6 | 92.4 | 95.4 | 96.2 | 97.6 | 98.2 | 98.3 | 98.6 | 98.8 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 4 | 92.4 | 95.4 | 96.2 | 97.6 | 98.2 | 98.3 | 98.9 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 2 | 92.4 | 95.4 | 96.2 | 97.6 | 98.2 | 98.3 | 98.9 | 99.1 | 99.2 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 0 | 92.4 | 95.4 | 96.2 | 97.6 | 98.2 | 98.3 | 98.9 | 99.1 | 99.2 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72266° DYESS AFB TX

73-82

2-1

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1997-2000

| CEILING
FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| NO CEILING | 65.6 | 67.4 | 67.5 | 68.0 | 68.2 | 68.3 | 68.3 | 68.2 | 68.7 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| ≥ 20000 | 69.1 | 71.1 | 71.1 | 71.5 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| ≥ 18000 | 69.1 | 71.1 | 71.2 | 71.6 | 71.8 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 16000 | 69.1 | 71.1 | 71.2 | 71.6 | 71.8 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 14000 | 69.7 | 71.6 | 71.7 | 72.2 | 72.4 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| ≥ 12000 | 71.9 | 74.0 | 74.1 | 74.5 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 10000 | 73.9 | 76.1 | 76.2 | 76.7 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| ≥ 8000 | 73.9 | 76.1 | 76.2 | 76.7 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| ≥ 6000 | 75.3 | 77.7 | 77.8 | 78.3 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 4000 | 75.5 | 78.2 | 78.3 | 78.7 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| ≥ 2000 | 76.2 | 79.2 | 79.4 | 79.8 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| ≥ 1000 | 77.8 | 80.9 | 81.2 | 81.4 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 800 | 78.7 | 81.7 | 81.8 | 82.3 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 600 | 80.4 | 83.5 | 83.8 | 84.2 | 84.4 | 84.5 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 400 | 81.7 | 85.1 | 85.3 | 85.7 | 85.9 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 200 | 82.7 | 86.1 | 86.2 | 86.7 | 86.9 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 100 | 83.2 | 86.9 | 87.1 | 87.5 | 87.7 | 87.8 | 87.8 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 80 | 84.4 | 88.3 | 88.5 | 89.0 | 89.2 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 60 | 84.6 | 88.5 | 88.7 | 89.2 | 89.5 | 89.6 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 40 | 85.5 | 89.6 | 89.8 | 90.3 | 90.5 | 90.6 | 90.6 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 20 | 86.2 | 90.6 | 90.9 | 91.4 | 91.6 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 10 | 86.9 | 91.5 | 91.8 | 92.6 | 92.8 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 8 | 87.3 | 92.5 | 92.8 | 93.5 | 93.8 | 94.0 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 6 | 87.5 | 92.7 | 93.2 | 94.3 | 94.5 | 94.7 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 4 | 87.6 | 92.9 | 93.5 | 94.8 | 95.3 | 95.5 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 2 | 87.8 | 93.2 | 94.0 | 95.4 | 95.9 | 96.1 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 1 | 87.8 | 93.2 | 94.2 | 95.6 | 96.2 | 96.5 | 96.8 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 0.5 | 87.8 | 93.4 | 94.5 | 96.2 | 97.0 | 97.2 | 97.6 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 0.2 | 87.8 | 93.5 | 94.8 | 96.6 | 97.3 | 97.5 | 98.2 | 98.8 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 0.1 | 87.8 | 93.5 | 94.8 | 96.7 | 97.5 | 97.7 | 98.4 | 99.2 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 0.05 | 87.8 | 93.5 | 94.8 | 96.7 | 97.5 | 97.7 | 98.4 | 99.2 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0.02 | 87.8 | 93.5 | 94.8 | 96.7 | 97.5 | 97.7 | 98.4 | 99.2 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0.01 | 87.8 | 93.5 | 94.8 | 96.7 | 97.5 | 97.7 | 98.4 | 99.2 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LOCAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722665

LYESS AFB TX

STATION NAME

73-87

YEAR

267

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0930-1130

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|----------------------|--------------------------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|--------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 |
| NO CEILING
≥20000 | 65.2 | 56.5 | 66.6 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥18000 | 69.6 | 70.9 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥16000 | 69.9 | 71.2 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| ≥14000 | 70.2 | 71.3 | 71.4 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥12000 | 70.9 | 72.2 | 72.3 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| ≥10000 | 73.5 | 74.8 | 74.9 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥8000 | 76.1 | 77.4 | 77.5 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥6000 | 76.2 | 77.5 | 77.6 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| ≥4000 | 77.3 | 78.6 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥2000 | 77.5 | 78.9 | 79.0 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥6000 | 78.4 | 79.8 | 79.9 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| ≥5000 | 79.6 | 81.2 | 81.3 | 81.5 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥4000 | 80.0 | 81.7 | 81.8 | 82.0 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥3000 | 81.1 | 83.3 | 83.5 | 83.8 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥2000 | 82.3 | 84.3 | 84.5 | 84.7 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥1000 | 83.2 | 85.3 | 85.6 | 85.8 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥500 | 84.6 | 86.8 | 87.1 | 87.3 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥200 | 86.7 | 88.3 | 88.6 | 88.8 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥100 | 86.7 | 89.0 | 89.4 | 89.6 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥50 | 87.8 | 90.6 | 91.3 | 91.5 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥20 | 89.9 | 92.6 | 93.2 | 93.4 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥10 | 89.9 | 93.7 | 94.4 | 94.7 | 95.1 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥5 | 90.2 | 94.2 | 94.9 | 95.3 | 95.6 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥2 | 90.3 | 94.4 | 95.3 | 95.7 | 96.0 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥1 | 90.4 | 94.6 | 95.5 | 95.9 | 96.2 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥0.5 | 90.9 | 95.3 | 96.2 | 97.1 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥0.25 | 91.1 | 95.5 | 96.5 | 97.5 | 98.2 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥0.15 | 91.1 | 95.7 | 96.7 | 97.7 | 98.5 | 98.6 | 99.1 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥0.1 | 91.1 | 95.8 | 96.9 | 98.0 | 98.7 | 99.0 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥0.05 | 91.1 | 95.8 | 96.9 | 98.0 | 98.7 | 99.0 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥0.025 | 91.1 | 95.8 | 96.9 | 98.0 | 98.7 | 99.0 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥0.01 | 91.1 | 95.8 | 96.9 | 98.0 | 98.7 | 99.0 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 722665 DYESS AFB TX

73-87

261

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|-------|------|-------|------|------|-------|------|-------|--------|-------|--------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .5 | ≥ .25 | ≥ .1 | ≥ .05 | ≥ .025 | ≥ .01 | ≥ .005 |
| NO CEILING | 69.1 | 69.8 | 69.8 | 69.6 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| ≥ 20000 | 74.4 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 18000 | 74.6 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 16000 | 74.7 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 14000 | 76.3 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 12000 | 76.4 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 10000 | 80.1 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 9000 | 80.4 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 8000 | 82.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 7000 | 82.6 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 6000 | 82.8 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 5000 | 84.6 | 86.1 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 4500 | 84.9 | 86.5 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 4000 | 86.1 | 87.7 | 87.8 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 3500 | 86.5 | 88.5 | 88.6 | 88.8 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 3000 | 88.7 | 90.9 | 91.0 | 91.2 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 2500 | 89.6 | 91.7 | 91.8 | 92.0 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 2000 | 90.4 | 92.6 | 92.7 | 92.9 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 1800 | 90.4 | 92.9 | 93.0 | 93.2 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 1500 | 91.3 | 93.7 | 93.9 | 94.1 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 1200 | 92.7 | 94.5 | 94.7 | 94.9 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 1000 | 92.5 | 95.5 | 95.7 | 95.9 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 900 | 93.0 | 96.2 | 96.5 | 96.8 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 800 | 93.0 | 96.8 | 97.0 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 700 | 93.1 | 97.0 | 97.2 | 97.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 600 | 93.4 | 97.4 | 97.6 | 98.2 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 500 | 93.4 | 97.8 | 98.2 | 98.8 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 400 | 93.4 | 97.8 | 98.2 | 98.8 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 300 | 93.5 | 98.0 | 98.4 | 99.0 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 93.5 | 98.0 | 98.4 | 99.0 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 100 | 93.5 | 98.0 | 98.4 | 99.0 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 936

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATM WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

702665

WYESS AFB TX

73-82

061

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| | ≥10 | ≥8 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 69.5 | 70.4 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 |
| ≥ 20000 | 76.1 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 18000 | 76.5 | 77.4 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| ≥ 16000 | 76.5 | 77.4 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| ≥ 14000 | 77.2 | 78.3 | 79.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| ≥ 12000 | 79.4 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| ≥ 10000 | 80.8 | 82.0 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 9000 | 80.9 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 8000 | 83.3 | 84.9 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 7000 | 83.9 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 6000 | 84.2 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 5000 | 85.8 | 87.6 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 4500 | 86.3 | 88.2 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 4000 | 88.1 | 89.9 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 3500 | 88.6 | 90.4 | 90.6 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 3000 | 89.5 | 91.4 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 2500 | 89.7 | 91.6 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 2000 | 90.1 | 92.2 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 1800 | 90.5 | 92.8 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 1500 | 91.7 | 94.2 | 94.5 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 1200 | 92.7 | 95.6 | 95.9 | 96.0 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 1000 | 93.7 | 96.1 | 96.6 | 96.7 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 900 | 93.4 | 96.6 | 97.0 | 97.1 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 800 | 93.4 | 96.7 | 97.1 | 97.2 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 700 | 93.5 | 96.8 | 97.2 | 97.4 | 97.7 | 97.8 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 600 | 93.5 | 97.0 | 97.4 | 97.6 | 98.1 | 98.2 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 500 | 93.7 | 97.4 | 97.8 | 98.2 | 98.6 | 98.7 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | 93.7 | 97.5 | 98.0 | 98.3 | 98.7 | 98.8 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 |
| ≥ 300 | 93.9 | 97.7 | 98.2 | 98.5 | 99.0 | 99.1 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 93.9 | 97.7 | 98.2 | 98.5 | 99.0 | 99.1 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 93.9 | 97.7 | 98.2 | 98.5 | 99.0 | 99.1 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 50 | 93.9 | 97.7 | 98.2 | 98.5 | 99.0 | 99.1 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

700665

LYESS AFB TX

73-80

CC7

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1946-1980

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 20000 | 73.9 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| 18000 | 79.5 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| 16000 | 79.8 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| 14000 | 80.2 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| 12000 | 82.2 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| 10000 | 84.1 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| 8000 | 84.7 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| 6000 | 86.3 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| 4000 | 86.3 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| 2000 | 86.6 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| 1000 | 88.1 | 89.4 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| 500 | 88.5 | 89.8 | 89.9 | 90.0 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| 200 | 89.7 | 91.0 | 91.1 | 91.2 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| 100 | 89.7 | 91.0 | 91.1 | 91.2 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| 50 | 91.8 | 92.2 | 92.3 | 92.4 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| 20 | 91.3 | 92.7 | 92.8 | 92.9 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| 10 | 92.2 | 93.5 | 93.8 | 93.9 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| 5 | 92.4 | 93.8 | 94.0 | 94.1 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| 2 | 93.1 | 94.7 | 95.2 | 95.3 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| 1 | 93.7 | 95.7 | 96.1 | 96.2 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| 0.5 | 93.7 | 96.1 | 96.6 | 96.7 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| 0.2 | 94.0 | 96.5 | 97.1 | 97.2 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| 0.1 | 94.0 | 96.6 | 97.2 | 97.5 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| 0.05 | 94.7 | 96.8 | 97.4 | 98.0 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 0.02 | 94.7 | 96.9 | 97.5 | 98.1 | 98.7 | 98.7 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 0.01 | 94.7 | 97.1 | 98.7 | 98.5 | 99.1 | 99.1 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 0.005 | 94.7 | 97.3 | 98.2 | 98.7 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.002 | 94.7 | 97.3 | 98.2 | 98.7 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.001 | 94.7 | 97.3 | 98.2 | 98.7 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0.0005 | 94.7 | 97.3 | 98.2 | 98.7 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0.0002 | 94.7 | 97.3 | 98.2 | 98.7 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0.0001 | 94.7 | 97.3 | 98.2 | 98.7 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72265

LYEES AFB TX

73-62

207

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1100-2300

| CEILING
FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥ 10 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| ≥ 20000 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 18000 | 79.2 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 16000 | 79.7 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| ≥ 14000 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| ≥ 12000 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 10000 | 83.1 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 9000 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 8000 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥ 7000 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 6000 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 5000 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| ≥ 4500 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 4000 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 3500 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 3000 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 2500 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 2000 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 1800 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 1500 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 1200 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 1000 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 900 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 800 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 700 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 600 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 500 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 400 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 300 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 200 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 100 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 0 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722465

LYEISS AFB TX

73-82

257

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

| CEILING
FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 210 | 20 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 20000 | 75.6 | 71.5 | 71.5 | 71.6 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| 18000 | 75.3 | 76.2 | 76.2 | 76.3 | 76.3 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| 16000 | 75.6 | 76.4 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| 14000 | 75.6 | 76.5 | 76.5 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| 12000 | 76.3 | 77.2 | 77.2 | 77.3 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| 10000 | 79.1 | 79.3 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| 8000 | 79.9 | 81.0 | 81.0 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| 6000 | 81.5 | 82.7 | 82.7 | 82.9 | 82.9 | 82.9 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| 4000 | 82.7 | 83.2 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| 2000 | 83.9 | 85.4 | 85.5 | 85.6 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| 1000 | 84.5 | 86.1 | 86.1 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| 500 | 86.2 | 87.8 | 87.9 | 88.1 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| 250 | 88.9 | 89.8 | 89.9 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| 100 | 89.5 | 91.5 | 91.8 | 92.0 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| 50 | 90.9 | 91.9 | 92.1 | 92.3 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| 25 | 91.2 | 93.0 | 94.1 | 94.4 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| 10 | 91.7 | 94.6 | 94.9 | 95.2 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| 5 | 92.1 | 95.4 | 95.9 | 96.3 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| 2 | 92.3 | 95.6 | 96.2 | 96.8 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| 1 | 92.3 | 95.9 | 96.5 | 97.3 | 97.6 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| 0.5 | 92.3 | 96.1 | 97.0 | 97.7 | 98.2 | 98.3 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 0.25 | 92.4 | 96.3 | 97.2 | 98.1 | 98.7 | 98.8 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 0.1 | 92.4 | 96.4 | 97.4 | 98.2 | 98.8 | 99.0 | 99.3 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 0.05 | 92.4 | 96.4 | 97.4 | 98.3 | 98.9 | 99.1 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 0.025 | 92.4 | 96.4 | 97.4 | 98.3 | 98.9 | 99.1 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 7480

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-25-65 WYESS AFB TX STATION NAME 73-67 YEAR 1965

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 71.7 | 72.3 | 72.7 | 72.6 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| ≥2000 | 74.8 | 75.1 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥1800 | 74.9 | 75.2 | 75.2 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥1600 | 74.9 | 75.2 | 75.2 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥1400 | 75.1 | 75.3 | 75.3 | 75.3 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥1200 | 75.7 | 75.1 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥1000 | 77.6 | 78.1 | 78.1 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| ≥800 | 77.6 | 78.1 | 78.1 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| ≥600 | 79.7 | 79.6 | 79.6 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥400 | 79.7 | 79.6 | 79.6 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥200 | 79.1 | 79.7 | 79.7 | 79.7 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| ≥100 | 80.1 | 81.2 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥80 | 81.5 | 82.8 | 82.8 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥60 | 82.3 | 83.7 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥40 | 83.1 | 84.3 | 84.3 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥20 | 83.6 | 84.9 | 84.9 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| ≥10 | 84.7 | 85.0 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥8 | 86.1 | 87.4 | 87.4 | 87.4 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥6 | 86.5 | 87.9 | 87.9 | 87.9 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥4 | 87.3 | 89.3 | 89.4 | 89.4 | 89.6 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥2 | 88.3 | 90.4 | 90.8 | 90.8 | 90.9 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥1 | 88.9 | 91.1 | 91.6 | 91.6 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥0.8 | 89.4 | 92.3 | 92.8 | 92.8 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥0.6 | 89.9 | 93.0 | 93.4 | 93.4 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥0.4 | 90.1 | 93.6 | 94.1 | 94.1 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥0.2 | 90.1 | 93.9 | 94.7 | 94.7 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥0.1 | 90.1 | 93.9 | 95.1 | 95.1 | 95.4 | 95.4 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥0.08 | 90.1 | 93.9 | 95.1 | 95.1 | 95.7 | 95.7 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥0.06 | 90.1 | 93.9 | 95.1 | 95.1 | 95.7 | 95.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥0.04 | 90.1 | 93.9 | 95.1 | 95.1 | 95.7 | 95.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥0.02 | 90.1 | 93.9 | 95.1 | 95.1 | 95.7 | 95.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥0.01 | 90.1 | 93.9 | 95.1 | 95.1 | 95.7 | 95.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |

TOTAL NUMBER OF OBSERVATIONS 970

GENERAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7224-65

LYEES AFB TX

73-80

73-80

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

73-80

| ELEVATION
FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 20 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 10000 | 65.2 | 63.8 | 63.8 | 63.8 | 64.5 | 64.9 | 65.0 | 65.1 | 65.0 | 65.0 | 65.0 | 65.1 | 65.1 | 65.1 | 65.2 | 65.2 |
| 9000 | 71.2 | 71.6 | 71.8 | 71.6 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.1 | 72.1 | 72.1 | 72.1 | 72.2 | 72.2 |
| 8000 | 71.2 | 71.8 | 71.8 | 71.8 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.1 | 72.1 | 72.1 | 72.2 | 72.2 | 72.2 |
| 7000 | 71.2 | 71.8 | 71.8 | 71.8 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.1 | 72.1 | 72.1 | 72.2 | 72.2 | 72.2 |
| 6000 | 71.2 | 71.8 | 71.8 | 71.8 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.1 | 72.1 | 72.1 | 72.2 | 72.2 | 72.2 |
| 5000 | 72.4 | 72.6 | 72.6 | 72.6 | 72.7 | 72.7 | 72.8 | 72.8 | 72.8 | 72.8 | 72.9 | 72.9 | 72.9 | 73.0 | 73.0 | 73.0 |
| 4000 | 73.6 | 74.3 | 74.3 | 74.3 | 74.4 | 74.4 | 74.6 | 74.6 | 74.6 | 74.6 | 74.7 | 74.7 | 74.7 | 74.8 | 74.8 | 74.8 |
| 3000 | 73.6 | 74.6 | 74.6 | 74.6 | 74.7 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.9 | 74.9 | 74.9 | 75.0 | 75.0 | 75.0 |
| 2000 | 75.4 | 76.2 | 76.2 | 76.2 | 76.3 | 76.3 | 76.4 | 76.4 | 76.4 | 76.4 | 76.6 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 |
| 1000 | 75.4 | 76.2 | 76.2 | 76.2 | 76.3 | 76.3 | 76.4 | 76.4 | 76.4 | 76.4 | 76.6 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 |
| 0000 | 75.7 | 76.4 | 76.4 | 76.4 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.8 | 76.8 | 76.8 | 76.9 | 76.9 | 76.9 |
| 10000 | 77.1 | 78.0 | 78.0 | 78.0 | 78.1 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.3 | 78.3 | 78.3 | 78.4 | 78.4 | 78.4 |
| 9000 | 78.1 | 78.9 | 78.9 | 78.9 | 79.0 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.2 | 79.2 | 79.2 | 79.3 | 79.3 | 79.3 |
| 8000 | 79.3 | 80.2 | 80.2 | 80.3 | 80.4 | 80.4 | 80.6 | 80.6 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 | 80.8 | 80.8 | 80.8 |
| 7000 | 80.1 | 80.9 | 80.9 | 81.0 | 81.1 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.4 | 81.4 | 81.4 |
| 6000 | 80.6 | 81.4 | 81.4 | 81.6 | 81.7 | 81.7 | 81.8 | 81.8 | 81.8 | 81.8 | 81.9 | 81.9 | 81.9 | 82.0 | 82.0 | 82.0 |
| 5000 | 81.9 | 82.8 | 82.8 | 83.0 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.3 | 83.3 | 83.3 | 83.4 | 83.4 | 83.4 |
| 4000 | 84.0 | 84.9 | 85.1 | 85.2 | 85.3 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.6 | 85.6 | 85.6 | 85.7 | 85.7 | 85.7 |
| 3000 | 84.0 | 84.9 | 85.1 | 85.2 | 85.3 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.6 | 85.6 | 85.6 | 85.7 | 85.7 | 85.7 |
| 2000 | 85.3 | 87.0 | 87.2 | 87.3 | 87.4 | 87.4 | 87.6 | 87.6 | 87.6 | 87.6 | 87.7 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 |
| 1000 | 87.2 | 88.6 | 89.0 | 89.1 | 89.4 | 89.4 | 89.6 | 89.6 | 89.6 | 89.6 | 89.7 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 |
| 0000 | 88.1 | 89.6 | 89.9 | 90.1 | 90.4 | 90.4 | 90.6 | 90.6 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.8 | 90.8 | 90.8 |
| 10000 | 88.6 | 90.6 | 91.0 | 91.2 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 |
| 9000 | 89.1 | 91.4 | 91.9 | 92.2 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 |
| 8000 | 89.1 | 91.4 | 92.1 | 92.6 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 |
| 7000 | 89.1 | 91.7 | 92.4 | 93.3 | 94.2 | 94.2 | 94.3 | 94.4 | 94.4 | 94.4 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 |
| 6000 | 89.3 | 92.3 | 93.1 | 94.4 | 95.6 | 95.6 | 95.9 | 96.1 | 96.1 | 96.2 | 96.3 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 |
| 5000 | 89.3 | 92.3 | 93.6 | 95.2 | 96.4 | 96.4 | 96.8 | 97.3 | 97.4 | 97.7 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 |
| 4000 | 89.3 | 92.0 | 93.6 | 95.2 | 96.7 | 96.7 | 97.3 | 98.0 | 98.1 | 98.4 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 |
| 3000 | 89.3 | 92.0 | 93.6 | 95.2 | 96.7 | 96.7 | 97.4 | 98.4 | 98.6 | 99.1 | 99.3 | 99.4 | 99.4 | 99.6 | 99.7 | 99.7 |
| 2000 | 89.3 | 92.0 | 93.6 | 95.2 | 96.8 | 96.8 | 97.6 | 98.6 | 98.7 | 99.2 | 99.4 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 |
| 1000 | 89.3 | 92.0 | 93.6 | 95.2 | 96.8 | 96.8 | 97.6 | 98.6 | 98.7 | 99.2 | 99.4 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 500

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
DRAFCATAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

102545 LYESS AFB TX STATION NAME

73-62

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-2-6000

| CEILING
FEET | | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 20 | 26 | 21 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 |
| 60.3 | 64.3 | 64.4 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| 66.3 | 68.4 | 68.9 | 69.1 | 69.1 | 69.1 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| 66.2 | 68.4 | 68.9 | 69.1 | 69.1 | 69.1 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| 66.2 | 68.4 | 68.9 | 69.1 | 69.1 | 69.1 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| 66.4 | 68.7 | 69.1 | 69.3 | 69.3 | 69.3 | 69.3 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| 67.6 | 69.8 | 70.2 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| 69.1 | 71.3 | 71.8 | 72.0 | 72.0 | 72.0 | 72.0 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| 69.1 | 71.4 | 71.9 | 72.1 | 72.1 | 72.1 | 72.1 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| 71.1 | 73.4 | 73.9 | 74.1 | 74.1 | 74.1 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| 71.3 | 73.7 | 74.1 | 74.3 | 74.3 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| 71.3 | 73.7 | 74.1 | 74.3 | 74.3 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| 72.3 | 75.1 | 75.6 | 75.9 | 75.9 | 75.9 | 75.9 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| 73.4 | 75.9 | 76.4 | 76.8 | 76.8 | 76.8 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| 74.3 | 76.7 | 77.2 | 77.6 | 77.6 | 77.6 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 75.2 | 77.7 | 78.2 | 78.6 | 78.6 | 78.6 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| 76.2 | 78.7 | 79.2 | 79.6 | 79.6 | 79.6 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| 77.3 | 79.8 | 80.3 | 80.7 | 80.7 | 80.7 | 80.7 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| 80.1 | 82.9 | 83.4 | 83.8 | 83.8 | 83.8 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| 80.3 | 83.1 | 83.7 | 84.0 | 84.0 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| 81.9 | 85.0 | 85.6 | 86.0 | 86.0 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| 83.1 | 86.9 | 87.6 | 88.1 | 88.1 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| 83.3 | 88.1 | 88.8 | 89.4 | 89.6 | 89.6 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| 84.3 | 89.4 | 90.3 | 91.1 | 91.1 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| 84.4 | 90.2 | 91.2 | 92.2 | 92.4 | 92.4 | 92.4 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| 84.7 | 91.4 | 91.4 | 92.4 | 92.9 | 92.9 | 92.9 | 93.1 | 93.3 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| 84.7 | 91.8 | 91.8 | 92.6 | 92.3 | 92.3 | 92.3 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| 84.7 | 91.3 | 92.7 | 93.6 | 94.3 | 94.4 | 94.4 | 95.1 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| 84.7 | 91.6 | 93.3 | 94.8 | 95.4 | 95.6 | 95.6 | 96.4 | 96.7 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 84.7 | 91.6 | 93.3 | 94.9 | 95.6 | 95.7 | 95.7 | 96.6 | 97.1 | 97.7 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| 84.7 | 91.6 | 93.3 | 94.9 | 95.6 | 95.8 | 95.8 | 96.9 | 97.1 | 97.7 | 98.9 | 99.0 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 |
| 84.7 | 91.6 | 93.3 | 94.9 | 95.6 | 95.8 | 95.8 | 96.9 | 97.7 | 97.7 | 98.9 | 99.0 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 |
| 84.7 | 91.6 | 93.3 | 94.9 | 95.6 | 95.8 | 95.8 | 96.9 | 97.7 | 97.7 | 98.9 | 99.0 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 |

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-25-65
STATION

CYESS AFB TX

STATION NAME

73-87

2-5

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

0-100

| CEILING
FEET | | VISIBILITY STAT IN MILES | | | | | | | | | | | | | | | |
|-----------------|------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 20 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 1000 | FEET | 57.3 | 59.4 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| 900 | FEET | 56.4 | 57.4 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| 800 | FEET | 66.4 | 67.2 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| 700 | FEET | 66.6 | 67.3 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| 600 | FEET | 67.5 | 68.4 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| 500 | FEET | 68.9 | 69.6 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| 400 | FEET | 69.3 | 70.7 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| 300 | FEET | 70.1 | 71.0 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| 200 | FEET | 72.1 | 73.0 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| 100 | FEET | 72.8 | 73.7 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| 0 | FEET | 73.5 | 74.4 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| 1000 | FEET | 75.1 | 76.1 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| 900 | FEET | 75.3 | 76.6 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| 800 | FEET | 76.1 | 77.4 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| 700 | FEET | 76.4 | 77.8 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| 600 | FEET | 77.3 | 78.7 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| 500 | FEET | 78.2 | 79.7 | 80.2 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| 400 | FEET | 80.8 | 82.2 | 82.9 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| 300 | FEET | 82.3 | 83.8 | 84.6 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| 200 | FEET | 83.2 | 84.7 | 85.6 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| 100 | FEET | 85.6 | 87.2 | 88.2 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| 0 | FEET | 86.4 | 89.3 | 90.0 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| 1000 | FEET | 87.1 | 89.7 | 91.1 | 91.4 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| 900 | FEET | 87.3 | 90.6 | 92.3 | 92.7 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| 800 | FEET | 87.4 | 90.9 | 92.0 | 93.3 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| 700 | FEET | 87.4 | 91.4 | 93.7 | 94.4 | 94.9 | 95.1 | 95.2 | 95.4 | 95.8 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| 600 | FEET | 87.4 | 92.1 | 94.6 | 95.3 | 95.9 | 96.2 | 96.4 | 96.9 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 500 | FEET | 87.4 | 92.2 | 94.7 | 95.6 | 96.1 | 96.4 | 96.7 | 96.9 | 97.4 | 97.9 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 400 | FEET | 87.4 | 92.2 | 94.7 | 95.8 | 96.3 | 96.7 | 96.9 | 97.8 | 98.4 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 300 | FEET | 87.4 | 92.2 | 94.7 | 95.8 | 96.7 | 96.7 | 96.9 | 97.8 | 98.4 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 200 | FEET | 87.4 | 92.2 | 94.7 | 95.8 | 96.7 | 96.7 | 96.9 | 97.8 | 98.4 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 100 | FEET | 87.4 | 92.2 | 94.7 | 95.8 | 96.7 | 96.7 | 96.9 | 97.8 | 98.4 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |

TOTAL NUMBER OF OBSERVATIONS 900

FEDERAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE / WAC

CEILING VERSUS VISIBILITY

STATION NAME
WY 1955 AF 17

2-50

NEW

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12-2-1955

| | | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----|-----|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 |
| 100 | 100 | 62.4 | 62.6 | 62.7 | 62.7 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| 90 | 90 | 67.3 | 67.8 | 67.9 | 68.0 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| 80 | 80 | 67.4 | 67.9 | 68.0 | 68.1 | 68.1 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| 70 | 70 | 67.4 | 68.0 | 68.1 | 68.2 | 68.2 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| 60 | 60 | 69.3 | 69.9 | 70.0 | 70.1 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| 50 | 50 | 73.1 | 73.6 | 73.7 | 73.8 | 73.8 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| 40 | 40 | 74.4 | 75.4 | 75.6 | 75.7 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| 30 | 30 | 75.1 | 75.6 | 75.7 | 75.8 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| 20 | 20 | 75.9 | 76.6 | 76.7 | 76.8 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| 10 | 10 | 76.1 | 76.8 | 76.9 | 77.0 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| 0 | 0 | 77.1 | 77.7 | 77.8 | 77.9 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| 90 | 90 | 78.1 | 78.7 | 78.8 | 78.9 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| 80 | 80 | 78.7 | 79.4 | 79.5 | 79.7 | 79.7 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| 70 | 70 | 79.3 | 80.0 | 80.1 | 80.2 | 80.2 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| 60 | 60 | 80.1 | 80.9 | 81.0 | 81.1 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| 50 | 50 | 81.1 | 82.7 | 82.8 | 82.9 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| 40 | 40 | 83.1 | 84.0 | 84.1 | 84.2 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| 30 | 30 | 85.6 | 86.4 | 86.5 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| 20 | 20 | 86.3 | 87.2 | 87.3 | 87.4 | 87.4 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| 10 | 10 | 88.7 | 89.8 | 89.9 | 90.0 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| 0 | 0 | 90.1 | 91.4 | 91.7 | 91.8 | 91.8 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| 90 | 90 | 90.7 | 92.0 | 92.2 | 93.0 | 93.0 | 93.4 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| 80 | 80 | 91.3 | 93.2 | 93.6 | 93.7 | 94.0 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| 70 | 70 | 91.3 | 94.0 | 94.4 | 94.8 | 95.1 | 95.3 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| 60 | 60 | 91.7 | 94.4 | 94.9 | 95.2 | 95.7 | 95.9 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| 50 | 50 | 91.9 | 95.1 | 95.4 | 95.8 | 96.2 | 96.8 | 97.0 | 97.1 | 97.2 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 40 | 40 | 91.9 | 95.1 | 95.4 | 95.9 | 96.4 | 97.1 | 97.4 | 97.7 | 97.8 | 97.8 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| 30 | 30 | 91.9 | 95.1 | 95.6 | 96.1 | 96.9 | 97.6 | 98.1 | 98.2 | 98.4 | 98.6 | 98.9 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 |
| 20 | 20 | 91.7 | 95.1 | 95.6 | 96.1 | 96.9 | 97.6 | 98.0 | 98.7 | 99.0 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |
| 10 | 10 | 91.7 | 95.1 | 95.6 | 96.1 | 96.9 | 97.6 | 98.0 | 98.7 | 99.0 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |
| 0 | 0 | 91.9 | 95.1 | 95.6 | 96.1 | 96.9 | 97.6 | 98.0 | 98.7 | 99.0 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

772465

WYERS AFB TX

73-37

WYERS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15.0-1700

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 20 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 20000 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| 18000 | 71.1 | 71.2 | 71.2 | 71.2 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| 16000 | 71.2 | 71.3 | 71.3 | 71.3 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| 14000 | 71.2 | 71.3 | 71.3 | 71.3 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| 12000 | 72.4 | 72.6 | 72.6 | 72.6 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| 10000 | 75.2 | 75.3 | 75.3 | 75.3 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| 9000 | 78.1 | 78.2 | 78.2 | 78.2 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| 8000 | 78.5 | 78.4 | 78.4 | 78.4 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| 7000 | 80.7 | 80.8 | 80.8 | 80.8 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| 6000 | 80.3 | 80.9 | 80.9 | 80.9 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| 5000 | 81.4 | 81.6 | 81.6 | 81.6 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| 4500 | 82.1 | 82.3 | 82.3 | 82.3 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| 4000 | 82.4 | 82.7 | 82.7 | 82.7 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| 3500 | 82.9 | 83.2 | 83.3 | 83.3 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| 3000 | 83.6 | 83.9 | 84.0 | 84.0 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| 2500 | 84.6 | 84.9 | 85.0 | 85.0 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| 2000 | 85.2 | 85.6 | 85.7 | 85.7 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| 1800 | 87.3 | 87.7 | 87.8 | 87.8 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| 1600 | 88.2 | 88.6 | 88.7 | 88.7 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| 1400 | 91.1 | 91.8 | 91.9 | 91.9 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| 1200 | 92.7 | 93.2 | 93.4 | 93.4 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| 1000 | 93.1 | 93.6 | 93.9 | 93.9 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| 900 | 93.4 | 94.0 | 94.6 | 94.8 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| 800 | 93.6 | 94.4 | 95.0 | 95.2 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| 700 | 93.7 | 94.7 | 95.3 | 95.7 | 96.1 | 96.2 | 96.4 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| 600 | 93.7 | 95.2 | 95.9 | 96.3 | 97.0 | 97.2 | 97.4 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| 500 | 93.8 | 95.7 | 96.3 | 96.8 | 97.4 | 97.8 | 98.0 | 98.3 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 400 | 93.8 | 95.7 | 96.3 | 96.8 | 97.4 | 97.8 | 98.0 | 98.3 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 300 | 93.8 | 95.7 | 96.3 | 96.8 | 97.4 | 97.8 | 98.0 | 98.3 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 200 | 93.8 | 95.7 | 96.3 | 96.8 | 97.4 | 97.8 | 98.0 | 98.3 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 100 | 93.8 | 95.7 | 96.3 | 96.8 | 97.4 | 97.8 | 98.0 | 98.3 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722465

LYECS AFB TX

73-82

NAV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

11-2-2322

| CEILING
FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| ≥10000 | 71.2 | 71.6 | 71.7 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| 9000 | 76.4 | 76.9 | 77.0 | 77.0 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 8000 | 76.7 | 77.1 | 77.2 | 77.2 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| 7000 | 76.9 | 77.2 | 77.3 | 77.3 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| 6000 | 77.3 | 77.8 | 77.9 | 77.9 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| 5000 | 78.3 | 78.9 | 79.0 | 79.0 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| 4000 | 80.3 | 81.3 | 81.1 | 81.1 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| 3000 | 80.4 | 81.1 | 81.2 | 81.2 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| 2000 | 81.7 | 82.3 | 82.4 | 82.4 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| 1000 | 81.9 | 82.6 | 82.7 | 82.7 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| 800 | 82.1 | 82.8 | 82.9 | 82.9 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| 700 | 83.2 | 84.2 | 84.3 | 84.3 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| 600 | 83.3 | 84.8 | 84.9 | 84.9 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| 500 | 84.4 | 85.6 | 85.7 | 85.7 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| 400 | 85.2 | 86.3 | 86.4 | 86.4 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 300 | 86.2 | 87.3 | 87.4 | 87.4 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| 200 | 86.9 | 88.0 | 88.1 | 88.1 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| 100 | 88.4 | 89.7 | 89.8 | 89.8 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| 80 | 88.6 | 89.8 | 89.9 | 89.9 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| 70 | 89.4 | 91.1 | 91.2 | 91.2 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| 60 | 90.1 | 92.1 | 92.2 | 92.2 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| 50 | 90.9 | 93.0 | 93.1 | 93.2 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| 40 | 91.1 | 93.4 | 93.6 | 93.7 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| 30 | 91.3 | 94.0 | 94.1 | 94.3 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| 20 | 91.3 | 94.2 | 94.4 | 95.0 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| 10 | 91.3 | 94.3 | 94.7 | 95.6 | 96.2 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| 8 | 91.3 | 94.4 | 95.3 | 95.9 | 96.6 | 96.7 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| 7 | 91.3 | 94.8 | 95.3 | 96.2 | 97.0 | 97.1 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.9 |
| 6 | 91.3 | 94.8 | 95.4 | 96.4 | 97.2 | 97.4 | 97.9 | 98.2 | 98.3 | 98.7 | 99.1 | 99.1 | 99.3 | 99.6 | 99.6 | 99.9 |
| 5 | 91.3 | 94.8 | 95.4 | 96.4 | 97.2 | 97.4 | 97.9 | 98.2 | 98.4 | 98.8 | 99.2 | 99.2 | 99.4 | 99.7 | 99.7 | 100.0 |
| 4 | 91.3 | 94.8 | 95.4 | 96.4 | 97.2 | 97.4 | 97.9 | 98.2 | 98.4 | 98.8 | 99.2 | 99.2 | 99.4 | 99.7 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722665

WYESS AFS TX

73-62

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOUR OBSERVATIONS)

ALL

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|--------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 |
| ≥20000 | 66.7 | 66.5 | 66.5 | 66.7 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 |
| 18000 | 71.3 | 71.8 | 71.9 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| 16000 | 71.3 | 71.9 | 72.0 | 72.1 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| 14000 | 71.4 | 72.0 | 72.1 | 72.1 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.4 |
| 12000 | 72.1 | 72.8 | 72.9 | 72.9 | 73.0 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.2 |
| 10000 | 73.4 | 74.3 | 74.4 | 74.5 | 74.6 | 74.6 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| 8000 | 75.5 | 76.3 | 76.4 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| 6000 | 75.4 | 76.5 | 76.6 | 76.6 | 76.7 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.9 |
| 4000 | 77.2 | 78.1 | 78.2 | 78.2 | 78.3 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.5 |
| 2000 | 77.4 | 78.3 | 78.4 | 78.4 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.7 | 78.7 |
| 1000 | 77.8 | 78.7 | 78.8 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| 500 | 78.9 | 80.0 | 80.1 | 80.2 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| 250 | 79.6 | 80.7 | 80.8 | 80.9 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.2 | 81.2 |
| 150 | 80.4 | 81.6 | 81.8 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.2 |
| 100 | 81.1 | 82.3 | 82.4 | 82.5 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| 75 | 82.1 | 83.2 | 83.4 | 83.5 | 83.6 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.8 |
| 50 | 83.1 | 84.2 | 84.4 | 84.5 | 84.6 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.9 |
| 25 | 85.1 | 86.4 | 86.6 | 86.7 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| 15 | 85.6 | 86.9 | 87.2 | 87.3 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| 10 | 87.2 | 88.9 | 89.2 | 89.3 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.6 | 89.6 |
| 7.5 | 88.9 | 90.4 | 90.8 | 91.0 | 91.2 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.4 |
| 5 | 89.1 | 91.3 | 91.8 | 91.9 | 92.2 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.4 | 92.4 |
| 2.5 | 89.6 | 92.1 | 92.7 | 92.9 | 93.1 | 93.1 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.4 |
| 1.5 | 89.9 | 92.6 | 93.4 | 93.8 | 94.1 | 94.1 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.4 |
| 1 | 90.0 | 93.0 | 93.9 | 94.2 | 94.6 | 94.7 | 94.8 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.1 | 95.1 |
| 0.75 | 90.1 | 93.4 | 94.3 | 94.9 | 95.5 | 95.6 | 95.8 | 96.0 | 96.0 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.3 |
| 0.5 | 90.1 | 93.7 | 94.8 | 95.5 | 96.2 | 96.4 | 96.7 | 96.9 | 97.0 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.4 |
| 0.25 | 90.1 | 93.8 | 95.1 | 95.9 | 96.6 | 96.8 | 97.2 | 97.5 | 97.7 | 98.0 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 |
| 0.15 | 90.0 | 93.8 | 95.0 | 95.9 | 96.8 | 97.0 | 97.4 | 97.9 | 98.2 | 98.6 | 98.8 | 98.9 | 98.9 | 98.9 | 99.0 | 99.1 |
| 0.1 | 90.1 | 93.8 | 95.0 | 95.9 | 96.8 | 97.0 | 97.5 | 98.2 | 98.4 | 99.0 | 99.3 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 |
| 0.05 | 90.1 | 93.8 | 95.0 | 95.9 | 96.8 | 97.0 | 97.5 | 98.2 | 98.5 | 99.0 | 99.3 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 |
| 0.025 | 90.1 | 93.8 | 95.0 | 95.9 | 96.8 | 97.0 | 97.5 | 98.2 | 98.5 | 99.0 | 99.3 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72265

BYERS AFB TX

73-87

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-1000

| CEILING
FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|------|-------|--------|-------|--------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 | ≥0.005 |
| ≥20000 | 73.2 | 73.7 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| ≥18000 | 76.1 | 76.6 | 76.9 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥16000 | 76.2 | 76.7 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥14000 | 76.3 | 76.7 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥12000 | 76.6 | 77.0 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥10000 | 77.5 | 78.0 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| ≥8000 | 79.1 | 79.6 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| ≥6000 | 79.1 | 79.6 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| ≥4000 | 80.1 | 81.0 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥3000 | 82.1 | 81.0 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥2000 | 80.4 | 81.3 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥1500 | 81.8 | 82.9 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥1000 | 82.7 | 83.8 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥800 | 83.1 | 84.3 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥600 | 83.7 | 84.8 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥400 | 84.2 | 85.4 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥200 | 84.9 | 86.1 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥100 | 86.7 | 87.8 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥50 | 87.3 | 88.5 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥25 | 88.6 | 89.9 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥10 | 89.7 | 91.1 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥5 | 90.0 | 91.7 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥2 | 90.3 | 92.8 | 93.5 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥1 | 90.8 | 93.7 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥0.5 | 91.1 | 94.3 | 95.3 | 95.6 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥0.25 | 91.3 | 95.1 | 96.1 | 96.5 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥0.1 | 91.4 | 95.5 | 96.7 | 97.0 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥0.05 | 91.4 | 95.7 | 97.0 | 97.3 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥0.025 | 91.4 | 95.7 | 97.0 | 97.3 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥0.01 | 91.4 | 95.7 | 97.0 | 97.3 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥0.005 | 91.4 | 95.7 | 97.0 | 97.3 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFD WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-26-65 LYONS AFB TX

73-82

DLC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-0500

| CEILING
FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | 20 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 20000 | 71.9 | 71.8 | 71.8 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| 18000 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| 16000 | 74.9 | 74.9 | 74.9 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| 14000 | 74.9 | 74.9 | 74.9 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| 12000 | 75.1 | 75.1 | 75.1 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| 10000 | 76.3 | 76.3 | 76.3 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| 8000 | 77.4 | 77.4 | 77.4 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| 6000 | 77.4 | 77.4 | 77.4 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| 4000 | 78.2 | 78.2 | 78.2 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| 2000 | 78.3 | 78.3 | 78.3 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| 1000 | 79.3 | 79.3 | 79.3 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| 500 | 79.7 | 79.9 | 79.9 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| 250 | 80.5 | 80.8 | 80.8 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| 100 | 81.1 | 81.2 | 81.3 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| 50 | 81.9 | 82.2 | 82.3 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| 25 | 82.2 | 82.4 | 82.7 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| 10 | 82.8 | 83.4 | 83.8 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| 5 | 85.5 | 86.1 | 86.5 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| 2 | 85.9 | 86.6 | 86.9 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| 1 | 87.4 | 88.6 | 89.1 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| 0.5 | 88.7 | 90.3 | 90.6 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| 0.25 | 89.8 | 91.9 | 92.3 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| 0.1 | 90.9 | 92.5 | 92.9 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| 0.05 | 90.1 | 93.1 | 93.4 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| 0.025 | 90.1 | 93.4 | 93.9 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| 0.01 | 91.1 | 94.6 | 95.1 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| 0.005 | 91.7 | 94.7 | 95.4 | 96.0 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| 0.0025 | 91.4 | 94.9 | 96.1 | 96.7 | 97.3 | 97.4 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| 0.001 | 91.0 | 94.9 | 96.3 | 96.7 | 97.4 | 97.5 | 97.7 | 98.1 | 98.1 | 98.5 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 0.0005 | 91.0 | 94.9 | 96.0 | 96.7 | 97.4 | 97.5 | 97.7 | 98.2 | 98.3 | 98.8 | 99.0 | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 |
| 0.00025 | 91.1 | 94.9 | 96.3 | 96.7 | 97.4 | 97.5 | 97.7 | 98.2 | 98.3 | 98.8 | 99.0 | 99.1 | 99.5 | 99.7 | 99.9 | 100.0 |
| 0.0001 | 91.1 | 94.9 | 96.3 | 96.7 | 97.4 | 97.5 | 97.7 | 98.2 | 98.3 | 98.8 | 99.0 | 99.1 | 99.5 | 99.7 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

702465 EYES AFB TX STATION NAME

73-87 YEAR

245

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

500-5000

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 20 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 20000 | 65.9 | 66.9 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| 18000 | 70.2 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| 16000 | 70.3 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| 14000 | 70.2 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| 12000 | 70.3 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| 10000 | 70.3 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| 8000 | 70.3 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| 6000 | 70.3 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| 4000 | 70.3 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| 2000 | 70.3 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| 1000 | 70.3 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| 500 | 70.3 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| 200 | 70.3 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| 100 | 70.3 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| 50 | 70.3 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| 20 | 70.3 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| 10 | 70.3 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| 5 | 70.3 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| 2 | 70.3 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| 1 | 70.3 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| 0 | 70.3 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722665

WELLS AFB TX

73-82

RLC

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

100-1100

| CEILING
FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|-------|------|-------|-------|------|-------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.75 | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.1 | ≥0.05 | ≥0 |
| ≥20000 | 61.2 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 |
| ≥18000 | 68.1 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥16000 | 68.5 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 |
| ≥14000 | 68.5 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥12000 | 70.0 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| ≥10000 | 72.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| ≥8000 | 74.9 | 76.0 | 76.1 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| ≥6000 | 74.9 | 76.1 | 76.2 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥4000 | 76.7 | 78.0 | 78.1 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| ≥2000 | 76.8 | 78.1 | 78.2 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| ≥1000 | 77.3 | 78.6 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥500 | 77.8 | 79.1 | 79.2 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| ≥250 | 78.1 | 79.4 | 79.5 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥100 | 79.1 | 80.4 | 80.5 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥50 | 80.3 | 81.5 | 81.6 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| ≥25 | 80.9 | 82.2 | 82.3 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥10 | 82.5 | 83.8 | 83.9 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥5 | 84.6 | 86.0 | 86.1 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥2 | 84.7 | 86.1 | 86.2 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥1 | 87.6 | 89.5 | 89.6 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥0.5 | 88.6 | 90.6 | 90.8 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥0.25 | 89.1 | 91.3 | 91.5 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥0.15 | 89.6 | 91.7 | 92.2 | 92.5 | 92.5 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥0.1 | 90.1 | 92.5 | 93.0 | 93.3 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥0.05 | 90.1 | 93.1 | 93.8 | 94.1 | 94.3 | 94.3 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥0 | 90.2 | 93.8 | 94.5 | 94.9 | 95.6 | 95.9 | 96.1 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥0.025 | 90.3 | 94.2 | 94.9 | 95.5 | 96.2 | 96.7 | 97.1 | 97.4 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥0.015 | 90.3 | 94.4 | 95.2 | 95.8 | 96.8 | 97.3 | 97.8 | 98.4 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥0.01 | 90.3 | 94.4 | 95.2 | 96.0 | 97.3 | 97.8 | 98.5 | 99.0 | 99.2 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥0.005 | 90.3 | 94.4 | 95.2 | 96.0 | 97.3 | 97.8 | 98.5 | 99.0 | 99.2 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥0.0025 | 90.3 | 94.4 | 95.2 | 96.0 | 97.3 | 97.8 | 98.5 | 99.0 | 99.2 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 302665 CLEVELAND AFB TX STATION NAME 73-92 STATE OHIO DATE 10-2-1980

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING
FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 |
| 1000 | 63.1 | 63.1 | 63.2 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| 900 | 71.7 | 71.3 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| 800 | 71.5 | 71.3 | 72.0 | 72.0 | 72.2 | 72.2 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| 700 | 71.3 | 71.9 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| 600 | 73.7 | 74.0 | 74.2 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| 500 | 75.5 | 75.8 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| 400 | 77.6 | 78.2 | 78.4 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| 300 | 78.1 | 78.6 | 78.8 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| 200 | 80.3 | 80.8 | 81.1 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| 100 | 80.5 | 80.9 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| 50 | 80.3 | 80.9 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| 0 | 81.4 | 81.9 | 82.3 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| 400 | 81.6 | 82.2 | 82.5 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| 300 | 82.6 | 83.1 | 83.4 | 83.4 | 83.5 | 83.5 | 83.5 | 83.5 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| 200 | 83.7 | 84.2 | 84.5 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| 100 | 84.1 | 84.6 | 84.9 | 84.9 | 85.1 | 85.1 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| 50 | 85.2 | 85.8 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| 0 | 87.1 | 87.8 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| 400 | 87.6 | 88.4 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| 300 | 89.5 | 90.4 | 91.0 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| 200 | 90.1 | 91.8 | 92.4 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| 100 | 91.1 | 92.9 | 93.4 | 93.5 | 93.9 | 93.9 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| 50 | 91.5 | 94.2 | 94.7 | 95.1 | 95.4 | 95.4 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| 0 | 91.8 | 94.7 | 95.3 | 95.5 | 96.0 | 96.0 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| 400 | 92.3 | 95.2 | 95.7 | 96.1 | 96.6 | 96.6 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| 300 | 92.2 | 95.8 | 96.3 | 97.0 | 97.4 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| 200 | 92.2 | 96.1 | 96.7 | 97.4 | 98.0 | 98.1 | 98.2 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 100 | 92.3 | 96.1 | 96.7 | 97.4 | 98.0 | 98.1 | 98.4 | 98.8 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 50 | 92.2 | 96.1 | 96.7 | 97.4 | 98.0 | 98.1 | 98.5 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 0 | 92.3 | 96.1 | 96.7 | 97.4 | 98.0 | 98.1 | 98.5 | 98.9 | 99.0 | 99.2 | 99.2 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 |
| 400 | 92.2 | 96.1 | 96.7 | 97.4 | 98.0 | 98.1 | 98.5 | 98.9 | 99.0 | 99.2 | 99.2 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 |
| 300 | 92.3 | 96.1 | 96.7 | 97.4 | 98.0 | 98.1 | 98.5 | 98.9 | 99.0 | 99.2 | 99.2 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

USAF CLIMATOLOGY BRANCH
USAF ETAC
ATMOSPHERIC SERVICE/MAC

CEILING VERSUS VISIBILITY

172165

WESS AFB TX

73-80

010

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1950-1951

| CEILING
(FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 20 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 10000 | 63.7 | 64.2 | 64.2 | 64.7 | 64.9 | 64.9 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| 8000 | 69.5 | 70.9 | 70.9 | 71.4 | 71.6 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| 6000 | 70.4 | 72.3 | 72.3 | 72.8 | 73.0 | 73.0 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| 4000 | 71.1 | 72.4 | 72.4 | 72.9 | 73.1 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| 2000 | 72.1 | 73.4 | 73.4 | 74.0 | 74.2 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| 1000 | 74.0 | 76.1 | 76.1 | 76.6 | 76.8 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| 800 | 77.6 | 79.1 | 79.1 | 79.6 | 79.8 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 |
| 600 | 77.7 | 79.1 | 79.1 | 79.7 | 79.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 |
| 400 | 80.4 | 82.3 | 82.3 | 82.6 | 83.0 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 |
| 200 | 80.6 | 82.5 | 82.5 | 83.2 | 83.4 | 83.4 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.7 | 83.7 | 83.7 | 83.7 |
| 100 | 80.1 | 82.6 | 82.6 | 83.3 | 83.5 | 83.5 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 |
| 80 | 81.7 | 83.5 | 83.5 | 84.3 | 84.5 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 |
| 60 | 81.9 | 83.8 | 83.8 | 84.5 | 84.7 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 |
| 40 | 82.1 | 84.3 | 84.3 | 85.1 | 85.3 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 |
| 20 | 83.5 | 85.4 | 85.4 | 86.1 | 86.3 | 86.3 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 |
| 10 | 84.4 | 86.2 | 86.2 | 87.1 | 87.2 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 |
| 8 | 85.9 | 87.7 | 87.7 | 88.5 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 |
| 6 | 87.4 | 89.4 | 89.4 | 90.1 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 |
| 4 | 88.3 | 90.3 | 90.3 | 91.1 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 |
| 2 | 88.7 | 91.3 | 91.3 | 92.0 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 |
| 1 | 89.6 | 92.3 | 92.4 | 93.1 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.7 | 93.7 | 93.7 | 93.7 |
| 0.8 | 90.6 | 93.4 | 93.5 | 94.3 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 |
| 0.6 | 90.8 | 93.8 | 93.9 | 94.6 | 94.9 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 |
| 0.4 | 91.1 | 94.1 | 94.2 | 94.9 | 95.3 | 95.3 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 |
| 0.2 | 91.4 | 94.7 | 94.8 | 95.6 | 95.9 | 96.0 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 |
| 0.1 | 91.9 | 95.7 | 95.8 | 96.6 | 96.9 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 |
| 0.08 | 91.8 | 95.8 | 96.7 | 96.9 | 97.5 | 97.6 | 97.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 |
| 0.06 | 91.9 | 95.8 | 96.1 | 97.0 | 97.6 | 97.7 | 98.0 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.8 | 98.8 | 98.8 |
| 0.04 | 91.8 | 95.8 | 96.1 | 97.0 | 97.6 | 97.7 | 98.0 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.8 | 98.8 | 98.8 |
| 0.02 | 91.8 | 95.8 | 96.1 | 97.0 | 97.6 | 97.7 | 98.0 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.8 | 98.8 | 98.8 |
| 0.01 | 91.8 | 95.8 | 96.1 | 97.0 | 97.6 | 97.7 | 98.0 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.8 | 98.8 | 98.8 |
| 0.00 | 91.8 | 95.8 | 96.1 | 97.0 | 97.6 | 97.7 | 98.0 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.8 | 98.8 | 98.8 |

TOTAL NUMBER OF OBSERVATIONS 975

CEILING VERSUS VISIBILITY

73-67

[illegible]TOTAL NUMBER OF OBSERVATIONS 931

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7226-5

YEARS AFTER

STATION NAME

73-80

YEAR

246

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1-2-2304

| CEILING
FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 210 | 20 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 1000 | 72.4 | 73.4 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| 900 | 75.4 | 76.4 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 800 | 75.5 | 76.7 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| 700 | 75.5 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| 600 | 76.2 | 77.4 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| 500 | 77.3 | 78.6 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| 400 | 78.4 | 79.7 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| 300 | 78.4 | 79.9 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| 200 | 81.1 | 82.4 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| 100 | 81.1 | 82.6 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| 0 | 81.9 | 83.5 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| 1000 | 82.9 | 84.6 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| 900 | 83.4 | 85.2 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| 800 | 83.4 | 85.5 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| 700 | 84.4 | 86.1 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| 600 | 84.9 | 86.7 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| 500 | 86.1 | 87.6 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| 400 | 87.5 | 89.4 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| 300 | 88.1 | 89.8 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| 200 | 88.4 | 91.1 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| 100 | 89.3 | 91.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| 0 | 89.7 | 92.2 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| 1000 | 90.1 | 92.9 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| 900 | 90.4 | 93.7 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| 800 | 90.6 | 94.5 | 96.2 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| 700 | 91.2 | 95.1 | 96.5 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| 600 | 91.2 | 95.1 | 96.8 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| 500 | 91.3 | 95.7 | 97.4 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| 400 | 91.3 | 95.7 | 97.4 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| 300 | 91.3 | 95.7 | 97.4 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| 200 | 91.3 | 95.7 | 97.4 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| 100 | 91.3 | 95.7 | 97.4 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| 0 | 91.3 | 95.7 | 97.4 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |

TOTAL NUMBER OF OBSERVATIONS 937

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72-83 72-83 ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| | | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|------|------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 |
| 1000 | FEET | 65.7 | 67.1 | 67.3 | 67.4 | 67.5 | 67.5 | 67.6 | 67.6 | 67.7 | 67.6 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| 900 | FEET | 72.3 | 74.3 | 74.5 | 74.6 | 74.7 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| 800 | FEET | 73.2 | 74.6 | 74.6 | 74.8 | 75.0 | 75.1 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| 700 | FEET | 73.3 | 74.7 | 74.8 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| 600 | FEET | 74.7 | 75.5 | 75.7 | 75.9 | 76.0 | 76.0 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| 500 | FEET | 75.5 | 77.2 | 77.4 | 77.5 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| 400 | FEET | 77.7 | 79.4 | 79.5 | 79.7 | 79.8 | 79.9 | 79.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 300 | FEET | 77.4 | 79.6 | 79.8 | 80.0 | 80.1 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| 200 | FEET | 79.4 | 81.2 | 81.4 | 81.6 | 81.7 | 81.7 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| 100 | FEET | 82.3 | 84.3 | 84.5 | 84.6 | 84.7 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| 0 | FEET | 82.4 | 84.4 | 84.6 | 84.7 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| 1000 | FEET | 82.4 | 84.4 | 84.6 | 84.7 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| 900 | FEET | 82.4 | 84.4 | 84.6 | 84.7 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| 800 | FEET | 82.4 | 84.4 | 84.6 | 84.7 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| 700 | FEET | 82.4 | 84.4 | 84.6 | 84.7 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| 600 | FEET | 82.4 | 84.4 | 84.6 | 84.7 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| 500 | FEET | 82.4 | 84.4 | 84.6 | 84.7 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| 400 | FEET | 82.4 | 84.4 | 84.6 | 84.7 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| 300 | FEET | 82.4 | 84.4 | 84.6 | 84.7 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| 200 | FEET | 82.4 | 84.4 | 84.6 | 84.7 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| 100 | FEET | 82.4 | 84.4 | 84.6 | 84.7 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| 0 | FEET | 82.4 | 84.4 | 84.6 | 84.7 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |

TOTAL NUMBER OF OBSERVATIONS 17693

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED, BROKEN,
OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

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SKY COVER

444
MAY 1964

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
NO. OF
OBS. | |
|--------|----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| MAR | 00-02 | 36.9 | | | 24.0 | | | | | | 13.3 | 25.7 | 4.5 | 929 |
| | 03-05 | 34.2 | | | 22.3 | | | | | | 15.5 | 29.0 | 4.9 | 929 |
| | 06-08 | 20.7 | | | 27.0 | | | | | | 18.9 | 32.5 | 5.8 | 927 |
| | 09-11 | 14.5 | | | 29.8 | | | | | | 21.6 | 34.1 | 6.2 | 927 |
| | 12-14 | 14.0 | | | 28.4 | | | | | | 26.9 | 29.8 | 6.3 | 921 |
| | 15-17 | 13.9 | | | 28.6 | | | | | | 26.6 | 30.9 | 6.3 | 915 |
| | 18-20 | 17.6 | | | 32.2 | | | | | | 23.3 | 26.4 | 5.8 | 909 |
| | 21-23 | 31.5 | | | 29.6 | | | | | | 16.7 | 22.2 | 4.6 | 920 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 23.0 | | | 27.0 | | | | | | 20.4 | 28.8 | 5.6 | 7380 |

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~~XXXXXXXXXX~~

APR
1954

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
NO. OF
OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| APR | 00-02 | 34.0 | | | 26.2 | | | | | | 13.4 | 22.4 | 4.2 | 893 |
| | 03-05 | 37.2 | | | 24.9 | | | | | | 12.9 | 24.9 | 4.4 | 894 |
| | 06-08 | 18.2 | | | 23.1 | | | | | | 23.2 | 29.6 | 5.9 | 898 |
| | 09-11 | 20.6 | | | 26.1 | | | | | | 22.2 | 31.1 | 5.9 | 920 |
| | 12-14 | 19.0 | | | 31.4 | | | | | | 23.3 | 26.3 | 5.7 | 889 |
| | 15-17 | 17.5 | | | 35.5 | | | | | | 23.2 | 23.2 | 5.5 | 882 |
| | 18-20 | 19.4 | | | 33.6 | | | | | | 23.3 | 23.6 | 5.5 | 880 |
| | 21-23 | 32.4 | | | 31.6 | | | | | | 16.0 | 20.0 | 4.4 | 882 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 25.3 | | | 29.8 | | | | | | 19.7 | 25.2 | 5.2 | 7114 |

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

4AY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
NO. OF
OBS. | |
|--------|-----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| MAY | 00-02 | 39.5 | | | 25.9 | | | | | | 15.1 | 19.6 | 4.1 | 930 |
| | 03-05 | 30.2 | | | 32.6 | | | | | | 16.3 | 20.8 | 4.5 | 926 |
| | 06-08 | 12.2 | | | 33.6 | | | | | | 30.6 | 23.6 | 6.1 | 923 |
| | 09-11 | 12.9 | | | 31.3 | | | | | | 32.0 | 23.9 | 5.2 | 926 |
| | 12-14 | 11.5 | | | 37.5 | | | | | | 33.1 | 17.8 | 5.9 | 930 |
| | 15-17 | 9.8 | | | 42.5 | | | | | | 31.5 | 16.1 | 5.7 | 926 |
| | 18-20 | 14.9 | | | 40.7 | | | | | | 29.2 | 15.2 | 5.4 | 921 |
| | 21-23 | 30.7 | | | 33.0 | | | | | | 17.9 | 18.4 | 4.4 | 922 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 20.2 | | | 34.7 | | | | | | 25.7 | 19.4 | 5.3 | 7413 |

SKY COVER

73-92

1111
MON

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
NO. OF
OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| JUN | 00-02 | 44.9 | | | 25.2 | | | | | | 14.7 | 15.2 | 3.6 | 897 |
| | 03-05 | 37.9 | | | 29.1 | | | | | | 18.0 | 16.0 | 4.1 | 808 |
| | 06-08 | 16.7 | | | 30.8 | | | | | | 29.1 | 14.5 | 5.3 | 898 |
| | 09-11 | 17.5 | | | 42.1 | | | | | | 29.4 | 11.0 | 5.0 | 898 |
| | 12-14 | 15.6 | | | 49.1 | | | | | | 25.4 | 9.9 | 4.8 | 900 |
| | 15-17 | 14.6 | | | 54.3 | | | | | | 23.9 | 7.2 | 4.5 | 900 |
| | 18-20 | 16.8 | | | 50.3 | | | | | | 23.3 | 9.6 | 4.6 | 900 |
| | 21-23 | 20.4 | | | 40.0 | | | | | | 16.6 | 13.1 | 4.0 | 808 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 24.2 | | | 81.2 | | | | | | 22.6 | 12.1 | 4.5 | 7189 |

2
GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/4AC

SKY COVER

722545 STATION WEISS AFB TX 72-B2 PERIOD 1 JUL 64 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
OBS | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
NO. OF
OBS |
|--------|--------------|---|---|---|------|---|---|---|---|---|------|------|--------------------------------|------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| AUG | 00-02 | 43.3 | | | 24.4 | | | | | | 13.6 | 11.5 | 3.2 | 930 |
| | 03-05 | 43.1 | | | 29.8 | | | | | | 13.7 | 13.4 | 3.5 | 930 |
| | 06-08 | 20.1 | | | 44.8 | | | | | | 21.5 | 13.6 | 4.6 | 926 |
| | 09-11 | 20.4 | | | 44.0 | | | | | | 23.8 | 12.9 | 4.6 | 927 |
| | 12-14 | 7.3 | | | 54.5 | | | | | | 29.7 | 8.5 | 5.2 | 930 |
| | 15-17 | 5.8 | | | 56.8 | | | | | | 28.9 | 8.5 | 5.2 | 930 |
| | 18-20 | 10.3 | | | 52.5 | | | | | | 29.5 | 7.7 | 5.2 | 930 |
| | 21-23 | 32.9 | | | 33.5 | | | | | | 18.4 | 10.2 | 3.8 | 930 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 27.3 | | | 43.8 | | | | | | 22.4 | 10.5 | 4.8 | 7433 |

SKY COVER

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS.

| MONTH | HOURS
OBS. | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
NO. OF
OBS. | |
|-------|---------------|---|---|---|------|---|---|---|----|---|------|--------------------------------|-------------------------|-----|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| JEP | 00-02 | 40.5 | | | 32.7 | | | | | | 16.1 | 18.7 | 3.7 | 693 |
| | 03-05 | 34.6 | | | 31.4 | | | | | | 12.7 | 18.3 | 3.7 | 897 |
| | 06-08 | 16.3 | | | 40.3 | | | | | | 21.6 | 21.7 | 5.3 | 693 |
| | 09-11 | 14.9 | | | 41.6 | | | | | | 21.7 | 21.5 | 5.4 | 894 |
| | 12-14 | 2.9 | | | 43.5 | | | | | | 28.1 | 18.5 | 5.7 | 898 |
| | 15-17 | 11.3 | | | 42.7 | | | | | | 26.4 | 19.6 | 5.6 | 970 |
| | 18-20 | 15.2 | | | 44.2 | | | | | | 22.1 | 18.4 | 5.2 | 970 |
| | 21-23 | 33.1 | | | 33.6 | | | | | | 15.9 | 17.5 | 4.2 | 809 |
| | | | | | | | | | | | | | | |
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

722665
STATION

WYESS AFB TX

STATION NAME

72-65

PERIOD

001
YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
OBSERVATIONS | |
|--------|----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-----------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JAN | 01-31 | 42.1 | | | 23.2 | | | | | | 11.6 | 17.1 | 3.5 | 71 |
| | 02-28 | 46.8 | | | 23.2 | | | | | | 9.4 | 20.7 | 3.6 | 925 |
| | 03-31 | 29.8 | | | 32.7 | | | | | | 16.6 | 20.7 | 4.2 | 929 |
| | 04-30 | 29.7 | | | 33.7 | | | | | | 19.5 | 20.7 | 4.2 | 925 |
| | 05-31 | 25.2 | | | 36.7 | | | | | | 21.1 | 17.8 | 4.7 | 927 |
| | 06-30 | 24.4 | | | 39.1 | | | | | | 22.8 | 13.9 | 4.8 | 925 |
| | 07-31 | 32.1 | | | 38.8 | | | | | | 17.1 | 14.2 | 4.1 | 926 |
| | 08-31 | 45.3 | | | 25.8 | | | | | | 11.5 | 17.4 | 3.6 | 73 |
| | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | |
| TOTALS | | 34.6 | | | 31.6 | | | | | | 16.2 | 17.7 | 4.2 | 7423 |

SKY COVER

10

USAFETAC FORM 0-9.5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE
 CLIMATE BRANCH
 AFM 1-100

SKY COVER

STATION NAME: AFM 1-100 STATION NUMBER: 1-100

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

| MONTH | HOURS
LST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | TOTAL
PERCENTAGE |
|-------|--------------|---|---|---|-----|---|---|---|---|---|---|---------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |
| 1-10 | 4.1 | | | | 1.1 | | | | | | | 1.1 |
| 1-11 | 5.1 | | | | 1.1 | | | | | | | 1.1 |
| 1-12 | 2.1 | | | | 2.1 | | | | | | | 2.1 |
| 1-13 | 2.1 | | | | 2.1 | | | | | | | 2.1 |
| 1-14 | 1.1 | | | | 1.1 | | | | | | | 1.1 |
| 1-15 | 1.1 | | | | 1.1 | | | | | | | 1.1 |
| 1-16 | 1.1 | | | | 1.1 | | | | | | | 1.1 |
| 1-17 | 1.1 | | | | 1.1 | | | | | | | 1.1 |
| 1-18 | 1.1 | | | | 1.1 | | | | | | | 1.1 |
| 1-19 | 1.1 | | | | 1.1 | | | | | | | 1.1 |
| 1-20 | 1.1 | | | | 1.1 | | | | | | | 1.1 |
| TOTAL | | | | | | | | | | | | |

LOCAL CLIMATOLOGY BRANCH
 CAPTAC
 AIR WEATHER SERVICE/MAC

SKY COVER

STATION YEARS AFF. TY 73-74 ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
EST. | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
PERCENTAGE OF
SKY COVER | TOTAL
HOURS |
|--------|---------------|---|---|---|------|---|---|---|---|------|------|------------------------------------|----------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | |
| ALL | ALL | 27.4 | | | 23.7 | | | | | 16.2 | 42.7 | 5.4 | 7419 |
| JAN | | 3.2 | | | 28.7 | | | | | 17.5 | 32.2 | 5.7 | 6744 |
| FEB | | 2.2 | | | 17.6 | | | | | 20.4 | 24.8 | 5.0 | 735 |
| MAR | | 4.3 | | | 20.8 | | | | | 18.7 | 25.2 | 5.2 | 7115 |
| APR | | 1.2 | | | 34.7 | | | | | 25.7 | 19.4 | 5.7 | 7415 |
| MAY | | 4.2 | | | 41.7 | | | | | 22.6 | 12.1 | 4.5 | 7189 |
| JUN | | 2.8 | | | 49.7 | | | | | 19.9 | 9.7 | 4.7 | 7435 |
| JUL | | 2.3 | | | 43.7 | | | | | 22.4 | 12.5 | 4.4 | 7433 |
| AUG | | 4.2 | | | 31.7 | | | | | 19.6 | 19.4 | 4.9 | 7174 |
| SEP | | 34.6 | | | 31.7 | | | | | 16.2 | 17.7 | 4.2 | 7423 |
| OCT | | 13.3 | | | 27.7 | | | | | 15.7 | 23.1 | 4.6 | 7191 |
| NOV | | 31.1 | | | 28.6 | | | | | 17.0 | 22.3 | 4.6 | 7425 |
| TOTALS | | 2.1 | | | 23.7 | | | | | 19.4 | 20.8 | 4.9 | 7348 |

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.
This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH

USAFETAC

AIR WEATHER SERVICE/MAC

722665 CYESS AFB TX

STATION

STATION NAME

43-45, 56-83

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

| TEMP °F | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 105 | | | | | .3 | .3 | 1.1 | 1.2 | .1 | | | | .3 |
| 100 | | | | | 1.1 | 7.1 | 17.2 | 14.1 | 2.4 | .3 | | | 3.5 |
| 95 | | | .3 | 1.6 | 8.2 | 29.4 | 56.6 | 50.1 | 16.8 | 1.2 | .1 | | 13.8 |
| 90 | | | 2.0 | 7.8 | 14.3 | 61.6 | 83.0 | 77.4 | 41.5 | 7.5 | .2 | | 25.5 |
| 85 | .2 | 1.5 | 7.0 | 22.5 | 47.5 | 82.9 | 93.2 | 91.1 | 63.2 | 22.4 | 1.8 | .1 | 36.2 |
| 80 | 1.4 | 5.7 | 15.5 | 42.9 | 69.1 | 93.4 | 96.1 | 97.1 | 76.8 | 41.4 | 8.3 | 1.0 | 48.0 |
| 75 | 5.9 | 13.4 | 29.4 | 59.9 | 83.5 | 97.9 | 99.3 | 99.2 | 87.4 | 63.1 | 26.1 | 5.7 | 56.0 |
| 70 | 15.1 | 23.1 | 49.1 | 76.7 | 93.7 | 99.2 | 100.0 | 99.6 | 94.1 | 79.9 | 40.9 | 16.7 | 65.8 |
| 65 | 25.6 | 36.1 | 63.7 | 87.4 | 97.6 | 100.0 | | 100.0 | 98.0 | 88.4 | 54.9 | 31.6 | 73.7 |
| 60 | 39.6 | 50.8 | 75.5 | 92.9 | 99.2 | | | | 99.2 | 94.2 | 68.9 | 47.5 | 80.7 |
| 55 | 53.1 | 65.2 | 84.4 | 96.8 | 99.8 | | | | 99.8 | 97.2 | 80.0 | 62.2 | 86.6 |
| 50 | 66.5 | 75.6 | 91.3 | 99.4 | 100.0 | | | | 99.9 | 98.9 | 88.7 | 73.8 | 91.2 |
| 45 | 76.4 | 84.2 | 95.2 | 99.9 | | | | | 100.0 | 99.4 | 94.3 | 84.2 | 94.5 |
| 40 | 84.3 | 91.5 | 97.2 | 100.0 | | | | | | 100.0 | 97.7 | 91.0 | 96.6 |
| 35 | 90.5 | 96.3 | 99.3 | | | | | | | | 99.3 | 96.2 | 98.5 |
| 30 | 95.6 | 98.5 | 99.9 | | | | | | | | 99.8 | 99.0 | 99.4 |
| 25 | 98.3 | 99.6 | 100.0 | | | | | | | | 100.0 | 100.0 | 99.8 |
| 20 | 99.2 | 100.0 | | | | | | | | | | | 99.9 |
| 15 | 100.0 | | | | | | | | | | | | 100.0 |
| MEAN | 54.5 | 59.0 | 67.4 | 76.3 | 83.2 | 90.5 | 94.4 | 93.5 | 85.9 | 76.6 | 65.0 | 57.5 | 75.3 |
| S.D. | 13.80 | 13.30 | 12.25 | 10.17 | 8.61 | 6.83 | 5.78 | 6.16 | 9.04 | 9.91 | 11.82 | 11.95 | 17.21 |
| TOTAL OBS | 899 | 819 | 899 | 870 | 930 | 870 | 899 | 899 | 870 | 899 | 870 | 930 | 10654 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
722665 DYESS AFB TX
STATION

STATION NAME

43-45, 56-83

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

| TEMP °F | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 80 | | | | | | .2 | 3.6 | 3.9 | | | | | .7 |
| 75 | | | | | 1.8 | 14.7 | 39.5 | 32.3 | 7.2 | .1 | | | 8.0 |
| 70 | | | | 1.4 | 12.6 | 50.8 | 79.1 | 70.6 | 33.4 | 3.8 | | | 21.0 |
| 65 | | | .9 | 10.7 | 36.1 | 80.1 | 97.8 | 94.0 | 59.2 | 15.8 | 1.3 | | 33.1 |
| 60 | | .1 | .7 | 5.7 | 26.7 | 63.3 | 94.8 | 99.9 | 98.9 | 77.5 | 31.0 | 6.2 | 42.3 |
| 55 | 1.6 | 4.3 | 15.5 | 46.1 | 81.6 | 98.6 | 100.0 | 99.8 | 89.7 | 49.8 | 14.5 | 2.4 | 50.5 |
| 50 | 5.1 | 11.2 | 28.1 | 64.9 | 91.7 | 100.0 | | 100.0 | 96.9 | 69.6 | 26.7 | 8.3 | 58.7 |
| 45 | 11.7 | 20.0 | 45.4 | 82.2 | 97.2 | | | | 99.3 | 85.9 | 43.4 | 16.2 | 66.9 |
| 40 | 23.1 | 34.7 | 64.4 | 91.1 | 99.8 | | | | 99.9 | 94.9 | 64.9 | 29.4 | 75.3 |
| 35 | 39.9 | 54.2 | 80.0 | 97.1 | 100.0 | | | | 100.0 | 99.1 | 79.9 | 50.0 | 83.4 |
| 30 | 47.2 | 62.8 | 85.4 | 98.2 | | | | | | 99.7 | 86.2 | 59.8 | 86.6 |
| 25 | 59.4 | 74.6 | 91.5 | 99.1 | | | | | | 99.9 | 92.8 | 74.9 | 91.0 |
| 20 | 77.8 | 88.4 | 97.0 | 100.0 | | | | | | 100.0 | 97.5 | 88.8 | 95.6 |
| 15 | 86.8 | 96.6 | 99.2 | | | | | | | | 99.3 | 96.2 | 98.2 |
| 10 | 94.1 | 99.4 | 99.8 | | | | | | | | 100.0 | 98.9 | 99.3 |
| 5 | 97.8 | 99.9 | | | | | | | | | | 99.9 | 99.8 |
| 0 | 99.8 | 100.0 | 100.0 | | | | | | | | | 100.0 | 100.0 |
| -5 | 99.9 | | | | | | | | | | | | 100.0 |
| -10 | 100.0 | | | | | | | | | | | | 100.0 |
| MEAN | 31.4 | 36.2 | 43.4 | 52.9 | 61.1 | 68.9 | 72.0 | 71.9 | 65.2 | 54.4 | 43.3 | 35.2 | 53.1 |
| S.D. | 10.603 | 9.942 | 10.092 | 9.103 | 7.544 | 5.470 | 4.056 | 4.730 | 7.454 | 8.944 | 9.901 | 9.245 | 16.581 |
| TOTAL OBS | 899 | 819 | 899 | 870 | 930 | 870 | 899 | 899 | 870 | 899 | 870 | 930 | 10654 |

CLIPAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 722665 DYECS AFB TX

DAILY TEMPERATURES

43-45, 56-83

STATION STATION NAME

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MEAN

| TEMP °F | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 95 | | | | | | | | .1 | | | | | .1 |
| 90 | | | | | | 2.5 | 8.5 | 7.3 | .6 | | | | 1.6 |
| 85 | | | | .1 | 2.5 | 22.1 | 48.9 | 42.6 | 10.3 | .3 | | | 10.0 |
| 80 | | | .2 | 3.1 | 17.8 | 58.2 | 82.9 | 74.9 | 37.2 | 4.1 | .1 | | 23.2 |
| 75 | | .1 | 2.7 | 14.5 | 41.6 | 82.5 | 96.8 | 94.5 | 60.6 | 17.7 | .5 | | 34.4 |
| 70 | .1 | 1.3 | 9.0 | 32.6 | 66.6 | 95.3 | 99.7 | 99.2 | 77.7 | 34.5 | 6.4 | .3 | 43.7 |
| 65 | 1.7 | 6.6 | 19.9 | 53.1 | 85.1 | 90.2 | 100.0 | 99.9 | 92.1 | 56.4 | 18.9 | 3.5 | 53.2 |
| 60 | 7.5 | 15.4 | 37.5 | 73.6 | 94.1 | 100.0 | | 100.0 | 97.5 | 77.6 | 32.4 | 10.6 | 62.3 |
| 55 | 16.9 | 25.9 | 55.7 | 86.7 | 98.8 | | | | 99.5 | 89.8 | 49.8 | 21.6 | 70.5 |
| 50 | 30.7 | 44.4 | 73.2 | 94.1 | 99.8 | | | | 99.9 | 96.2 | 68.6 | 39.6 | 79.0 |
| 45 | 49.1 | 62.8 | 85.9 | 98.6 | 100.0 | | | | 100.0 | 98.8 | 82.5 | 59.1 | 86.4 |
| 40 | 65.9 | 76.9 | 93.1 | 99.8 | | | | | | 99.9 | 92.1 | 75.4 | 91.9 |
| 35 | 78.1 | 88.2 | 96.7 | 100.0 | | | | | | 100.0 | 97.6 | 88.7 | 95.8 |
| 30 | 87.0 | 95.1 | 98.9 | | | | | | | | 99.2 | 95.8 | 98.0 |
| 25 | 93.7 | 98.7 | 100.0 | | | | | | | | 99.8 | 98.8 | 99.2 |
| 20 | 97.8 | 99.8 | | | | | | | | | 100.0 | 100.0 | 99.8 |
| 15 | 99.3 | 100.0 | | | | | | | | | | | 99.9 |
| 10 | 100.0 | | | | | | | | | | | | 100.0 |
| 5 | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | |
| -5 | | | | | | | | | | | | | |
| -10 | | | | | | | | | | | | | |
| -15 | | | | | | | | | | | | | |
| -20 | | | | | | | | | | | | | |
| -25 | | | | | | | | | | | | | |
| -30 | | | | | | | | | | | | | |
| -35 | | | | | | | | | | | | | |
| -40 | | | | | | | | | | | | | |
| -45 | | | | | | | | | | | | | |
| -50 | | | | | | | | | | | | | |
| -55 | | | | | | | | | | | | | |
| -60 | | | | | | | | | | | | | |
| -65 | | | | | | | | | | | | | |
| -70 | | | | | | | | | | | | | |
| -75 | | | | | | | | | | | | | |
| -80 | | | | | | | | | | | | | |
| -85 | | | | | | | | | | | | | |
| -90 | | | | | | | | | | | | | |
| -95 | | | | | | | | | | | | | |
| MEAN | 43.4 | 47.8 | 55.6 | 64.8 | 72.4 | 80.0 | 83.9 | 82.9 | 75.8 | 65.7 | 54.4 | 46.6 | 64.4 |
| S D | 11.3 | 10.8 | 10.4 | 8.8 | 7.4 | 5.6 | 4.5 | 4.9 | 7.5 | 8.6 | 10.1 | 9.7 | 16.4 |
| TOTAL OBS | 899 | 819 | 899 | 870 | 931 | 870 | 899 | 899 | 870 | 899 | 870 | 930 | 10654 |

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

222665 YEARS AFB TX

STATION NAME

43-45, 56-83

YEARS

IN DEGREES FAHRENHEIT

| MONTH
YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL
MONTHS |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------|
| 43 | | | | | | | | | | | | | |
| 44 | 72 | 75 | 87 | 95 | 94 | 101 | 106 | 106 | 95 | 88 | 87 | 71 | 106 |
| 45 | 74 | 83 | 86 | 88 | 100 | 104 | 100 | 105 | 98 | 91 | 92 | 75 | 105 |
| 56 | | | | | 96 | 104 | 104 | 106 | 100 | 96 | 91 | 78 | 104 |
| 57 | 82 | 85 | 82 | 92 | 89 | 102 | 104 | 103 | 99 | 90 | 81 | 74 | 104 |
| 58 | 71 | 73 | 73 | 94 | 98 | 102 | 103 | 102 | 95 | 93 | 79 | 86 | 103 |
| 59 | 75 | 82 | 90 | 97 | 99 | 101 | 97 | 104 | 103 | 89 | 78 | 72 | 104 |
| 60 | 72 | 82 | 90 | 93 | 108 | 106 | 106 | 99 | 101 | 91 | 83 | 69 | 108 |
| 61 | 71 | 81 | 85 | 95 | 98 | 94 | 93 | 98 | 98 | 87 | 83 | 74 | 98 |
| 62 | 73 | 86 | 88 | 92 | 100 | 99 | 101 | 113 | 94 | 97 | 85 | 77 | 103 |
| 63 | 81 | 82 | 92 | 99 | 97 | 97 | 101 | 100 | 98 | 91 | 86 | 72 | 101 |
| 64 | 79 | 69 | 84 | 91 | 95 | 103 | 104 | 106 | 94 | 94 | 82 | 83 | 108 |
| 65 | 76 | 79 | 80 | 94 | 88 | 94 | 101 | 100 | 103 | 93 | 87 | 74 | 107 |
| 66 | 71 | 70 | 87 | 89 | 97 | 98 | 101 | 104 | 92 | 93 | 81 | 83 | 104 |
| 67 | 83 | 79 | 95 | 96 | 106 | 99 | 103 | 102 | 92 | 85 | 80 | 72 | 106 |
| 68 | 72 | 69 | 78 | 81 | 93 | 98 | 99 | 101 | 98 | 98 | 84 | 72 | 101 |
| 69 | 89 | 79 | 82 | 88 | 96 | 104 | 103 | 106 | 93 | 90 | 83 | 77 | 106 |
| 70 | 81 | 80 | 81 | 90 | 93 | 104 | 106 | 102 | 100 | 90 | 85 | 80 | 104 |
| 71 | 73 | 82 | 95 | 94 | 95 | 98 | 101 | 90 | 92 | 85 | 80 | 76 | 101 |
| 72 | 83 | 85 | 86 | 98 | 90 | 107 | 98 | 96 | 96 | 95 | 76 | 79 | 107 |
| 73 | 72 | 80 | 79 | 85 | 99 | 96 | 99 | 102 | 95 | 92 | 85 | 82 | 102 |
| 74 | 84 | 85 | 96 | 93 | 99 | 104 | 105 | 95 | 92 | 82 | 77 | 76 | 105 |
| 75 | 97 | 77 | 88 | 92 | 91 | 102 | 96 | 95 | 96 | 92 | 85 | 79 | 102 |
| 76 | 77 | 89 | 91 | 85 | 99 | 97 | 95 | 99 | 84 | 83 | 76 | 74 | 99 |
| 77 | 69 | 80 | 86 | 82 | 100 | 99 | 102 | 103 | 105 | 88 | 85 | 80 | 105 |
| 78 | 73 | 78 | 90 | 98 | 107 | 102 | 107 | 98 | 98 | 97 | 84 | 78 | 107 |
| 79 | 71 | 88 | 87 | 91 | 95 | 98 | 100 | 99 | 102 | 103 | 79 | 79 | 103 |
| 80 | 81 | 83 | 81 | 92 | 95 | 109 | 107 | 105 | 100 | 93 | 95 | 81 | 109 |
| 81 | 76 | 82 | 83 | 88 | 97 | 101 | 102 | 99 | 95 | 90 | 86 | 82 | 102 |
| 82 | 74 | 85 | 89 | 95 | 95 | 97 | 102 | 105 | 102 | 93 | 81 | 76 | 105 |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS. | | | | | | | | | | | | | |

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

AT LEAST ONE DAY LESS THAN 24 OBS.

EXTREME VALUES

MAXIMUM TEMPERATURES

FROM DAILY OBSERVATIONS

~~202665~~ ~~YES AFB TX~~
STATION STATION NAME

~~43-45, 56-83~~ YEARS

HOLE DEGREES FAHRENHEIT

[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

STATION 43-45, 56-63

STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

| MONTH
YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL
MONTHS |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------|
| 43 | | | | | | | | | | | | 15 | |
| 44 | 7 | 19 | 23 | 37 | 45 | 61 | 65 | 59 | 54 | 44 | 28 | 24 | 7 |
| 45 | 25 | 25 | 37 | 30 | 40 | 56 | 63 | 63 | 43 | 37 | 24 | 18 | 18 |
| 56 | | | | | 55 | 67 | 69 | 59 | 54 | 48 | 22 | 25 | |
| 57 | 10 | 31 | 31 | 29 | 46 | 58 | 70 | 66 | 53 | 31 | 23 | 22 | 15 |
| 58 | 22 | 20 | 28 | 37 | 48 | 60 | 64 | 64 | 51 | 45 | 26 | 13 | 13 |
| 59 | 4 | 17 | 29 | 30 | 50 | 62 | 65 | 65 | 47 | 39 | 17 | 26 | 4 |
| 60 | 18 | 10 | 16 | 36 | 41 | 62 | 65 | 64 | 54 | 38 | 23 | 21 | 12 |
| 61 | 13 | 23 | 32 | 35 | 45 | 60 | 64 | 53 | 50 | 38 | 31 | 17 | 13 |
| 62 | 5 | 13 | 9 | 33 | 46 | 58 | 66 | 54 | 53 | 41 | 31 | 17 | 5 |
| 63 | 5 | 16 | 28 | 43 | 53 | 61 | 67 | 62 | 42 | 43 | 31 | 16 | 5 |
| 64 | 11 | 23 | 28 | 36 | 44 | 51 | 63 | 66 | 48 | 43 | 24 | 16 | 11 |
| 65 | 22 | 16 | 15 | 45 | 54 | 59 | 57 | 62 | 51 | 39 | 27 | 27 | 15 |
| 66 | 7 | 15 | 21 | 37 | 43 | 65 | 70 | 55 | 51 | 31 | 24 | 9 | 7 |
| 67 | 11 | 18 | 20 | 40 | 35 | 62 | 65 | 61 | 42 | 38 | 31 | 22 | 11 |
| 68 | 11 | 21 | 26 | 32 | 47 | 60 | 64 | 64 | 46 | 36 | 31 | 13 | 11 |
| 69 | 18 | 26 | 20 | 39 | 45 | 52 | 66 | 68 | 57 | 37 | 29 | 23 | 18 |
| 70 | 12 | 22 | 26 | 27 | 41 | 52 | 61 | 61 | 52 | 35 | 20 | 20 | 12 |
| 71 | 5 | 7 | 17 | 28 | 40 | 63 | 60 | 60 | 46 | 43 | 29 | 26 | 6 |
| 72 | 3 | 15 | 26 | 33 | 44 | 50 | 62 | 65 | 39 | 33 | 25 | 13 | 8 |
| 73 | -7 | 21 | 36 | 28 | 41 | 56 | 63 | 59 | 48 | 38 | 32 | 16 | -7 |
| 74 | 12 | 21 | 24 | 36 | 47 | 53 | 65 | 65 | 45 | 42 | 25 | 21 | 12 |
| 75 | 11 | 21 | 27 | 28 | 44 | 55 | 65 | 61 | 44 | 38 | 23 | 13 | 17 |
| 76 | 7 | 25 | 30 | 36 | 44 | 53 | 63 | 61 | 49 | 29 | 16 | 11 | 9 |
| 77 | 4 | 24 | 29 | 33 | 54 | 59 | 69 | 68 | 59 | 33 | 30 | 18 | 8 |
| 78 | 16 | 15 | 17 | 39 | 42 | 54 | 67 | 64 | 56 | 41 | 32 | 19 | 15 |
| 79 | 10 | 19 | 29 | 39 | 37 | 50 | 65 | 58 | 48 | 34 | 19 | 20 | 17 |
| 80 | 21 | 19 | 9 | 34 | 49 | 60 | 65 | 72 | 57 | 33 | 26 | 2 | 8 |
| 81 | 28 | 14 | 33 | 40 | 43 | 56 | 67 | 62 | 49 | 36 | 30 | 21 | 14 |
| 82 | 7 | 15 | 20 | 33 | 40 | 51 | 69 | 70 | 56 | 40 | 18 | 23 | 7 |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS.)

ALL LEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

~~7-26-65~~
STATION

~~LYE: S AFB TX~~

STATION NAME

~~43-45, 56-63~~

YEARS

WIND IN DEGREES FAHRENHEIT

[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

N (AT LEAST ONE DAY LESS THAN 24 HRS)

PSYCHROMETRIC SUMMARY

74-83

YEARS

JAN

PAGE 1 0000-0200

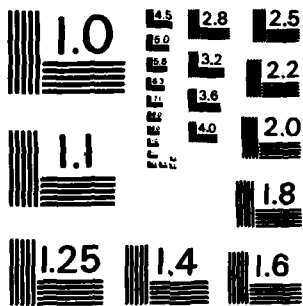
45 65 5 9

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | | |
|--------------|-------------------------------------|------------|-----------|------------|----------|------------------------------------|-------------|-------------|-------------|------------|-------------|-------|-------|-------|-------|-------|-----|------|------|----------|----------|-----------|-----|--|--|--|--|--|--|--|--|-------|--|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| 66/ 67 | | | | | | | | | | .1 | .2 | | | | | | | 1 | | | 1 | | | | | | | | | | | | | | | | |
| 66/ 65 | | | | | | | | | | .1 | .2 | | | | | | | 3 | | | 3 | | | | | | | | | | | | | | | | |
| 64/ 63 | | .1 | .2 | | | | | .1 | .2 | | | | | | | | | 8 | | | 8 | | | | | | | | | | | | | | | | |
| 62/ 61 | | | .2 | .1 | | .3 | .4 | | | .1 | | | | | | | | 11 | | | 11 | | 1 | | | | | | | | | | | | | | |
| 60/ 59 | | | .2 | | .2 | .1 | .5 | | | .3 | | | | | | | | 12 | | | 12 | | 2 | | | | | | | | | | | | | | |
| 58/ 57 | | .1 | .2 | | .3 | .1 | .1 | .1 | | | | | | | | | | 11 | | | 11 | | 4 | | | | | | | | | | | | | | |
| 56/ 55 | | | .3 | .2 | .3 | .8 | .6 | .1 | | | | | | | | | | 24 | | | 24 | | 3 | | | | | | | | | | | | | | |
| 54/ 53 | | .2 | .9 | .3 | .8 | .9 | .1 | | | | | | | | | | | 31 | | | 31 | | 3 | | | | | | | | | | | | | | |
| 52/ 51 | | .3 | .9 | .9 | .6 | 1.1 | .4 | | | | | | | | | | | 36 | | | 36 | | 16 | | | | | | | | | | | | | | |
| 50/ 49 | | .2 | 1.7 | .9 | 1.3 | 1.9 | .2 | | | | | | | | | | | 47 | | | 47 | | 27 | | | | | | | | | | | | | | |
| 48/ 47 | | 1.5 | .9 | .5 | .5 | .3 | .5 | .2 | | | | | | | | | | 42 | | | 42 | | 25 | | | | | | | | | | | | | | |
| 46/ 45 | | .8 | 1.1 | 1.2 | 1.5 | .8 | | | | | | | | | | | | 49 | | | 49 | | 51 | | | | | | | | | | | | | | |
| 44/ 43 | | .9 | 1.0 | 1.4 | .9 | .4 | .2 | | | | | | | | | | | 44 | | | 44 | | 41 | | | | | | | | | | | | | | |
| 42/ 41 | | 1.0 | 1.6 | 1.9 | 1.4 | .9 | .1 | | | | | | | | | | | 57 | | | 57 | | 50 | | | | | | | | | | | | | | |
| 40/ 39 | | 1.3 | 1.9 | 3.2 | 1.2 | .3 | | | | | | | | | | | | 74 | | | 74 | | 58 | | | | | | | | | | | | | | |
| 38/ 37 | | 1.7 | 2.6 | 1.2 | .3 | | | | | | | | | | | | | 54 | | | 54 | | 67 | | | | | | | | | | | | | | |
| 36/ 35 | .1 | 2.7 | 3.8 | 1.7 | | | | | | | | | | | | | | 77 | | | 77 | | 62 | | | | | | | | | | | | | | |
| 34/ 33 | .3 | 3.8 | 2.8 | 1.9 | .4 | | | | | | | | | | | | | 86 | | | 86 | | 115 | | | | | | | | | | | | | | |
| 32/ 31 | | 1.8 | 2.2 | 2.2 | | | | | | | | | | | | | | 57 | | | 57 | | 92 | | | | | | | | | | | | | | |
| 30/ 29 | .1 | 1.9 | 2.7 | 1.2 | | | | | | | | | | | | | | 51 | | | 51 | | 57 | | | | | | | | | | | | | | |
| 28/ 27 | | 1.2 | 1.9 | .9 | | | | | | | | | | | | | | 37 | | | 37 | | 48 | | | | | | | | | | | | | | |
| 26/ 25 | .2 | 1.7 | 1.0 | .4 | | | | | | | | | | | | | | 31 | | | 31 | | 65 | | | | | | | | | | | | | | |
| 24/ 23 | .1 | .9 | .5 | .1 | | | | | | | | | | | | | | 15 | | | 15 | | 39 | | | | | | | | | | | | | | |
| 22/ 21 | | 1.4 | .1 | .5 | | | | | | | | | | | | | | 19 | | | 19 | | 32 | | | | | | | | | | | | | | |
| 20/ 19 | | 2.0 | .1 | | | | | | | | | | | | | | | 20 | | | 20 | | 19 | | | | | | | | | | | | | | |
| 18/ 17 | | 1.0 | .4 | | | | | | | | | | | | | | | 13 | | | 13 | | 20 | | | | | | | | | | | | | | |
| 16/ 15 | | .3 | .1 | | | | | | | | | | | | | | | 4 | | | 4 | | 9 | | | | | | | | | | | | | | |
| 14/ 13 | | 1.0 | | | | | | | | | | | | | | | | 9 | | | 9 | | 11 | | | | | | | | | | | | | | |
| 12/ 11 | | .3 | .2 | | | | | | | | | | | | | | | 5 | | | 5 | | 6 | | | | | | | | | | | | | | |
| 10/ 9 | | .1 | .1 | | | | | | | | | | | | | | | 2 | | | 2 | | 4 | | | | | | | | | | | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | ΣX^2 | ΣX | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 9 F | ≤ 93 F | Total | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

4/6

NI

F/G 4/2



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

PSYCHROMETRIC SUMMARY

722665 DYESS AFB TX
STATION STATION NAME

74-83

YEARS

JAN
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|----------|----------|-----------|----|--|--|--|--|--|--|--|--|--|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 66/ 65 | | | | | | | | | | | .1 | | | | | | | 1 | 1 | | | | | | | | | | | | | | | |
| 64/ 63 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 1 | | | | | | | | | | | | | | |
| 62/ 61 | | | .1 | | | .2 | | .1 | .1 | | | | | | | | | 5 | 5 | | 1 | | | | | | | | | | | | | |
| 60/ 59 | | .5 | | .3 | .1 | | .2 | | | | | | | | | | | 9 | 9 | 2 | | | | | | | | | | | | | | |
| 58/ 57 | | | .2 | .4 | .2 | .2 | .2 | .1 | | | | | | | | | | 13 | 13 | 6 | 3 | | | | | | | | | | | | | |
| 56/ 55 | | | .6 | .2 | .5 | | | | | | | | | | | | | 13 | 13 | 3 | 5 | | | | | | | | | | | | | |
| 54/ 53 | | .1 | .8 | .3 | .1 | .1 | | | | | | | | | | | | 17 | 17 | 2 | | | | | | | | | | | | | | |
| 52/ 51 | | .1 | .4 | .6 | .4 | .9 | | | | | | | | | | | | 23 | 23 | 18 | 3 | | | | | | | | | | | | | |
| 50/ 49 | | .2 | 1.0 | .5 | 1.2 | .5 | .1 | | | | | | | | | | | 33 | 33 | 13 | 8 | | | | | | | | | | | | | |
| 48/ 47 | | .9 | .9 | .9 | .8 | .8 | .3 | | | | | | | | | | | 41 | 41 | 22 | 14 | | | | | | | | | | | | | |
| 46/ 45 | .1 | 1.1 | .9 | .9 | 1.5 | .1 | | | | | | | | | | | | 44 | 44 | 32 | 13 | | | | | | | | | | | | | |
| 44/ 43 | .2 | .9 | .9 | 1.5 | .8 | .5 | | | | | | | | | | | | 44 | 44 | 31 | 21 | | | | | | | | | | | | | |
| 42/ 41 | | 1.2 | 2.4 | 2.3 | .5 | | .2 | | | | | | | | | | | 61 | 61 | 46 | 22 | | | | | | | | | | | | | |
| 40/ 39 | .2 | 1.6 | 2.0 | 1.6 | .6 | | | | | | | | | | | | | 57 | 57 | 52 | 26 | | | | | | | | | | | | | |
| 38/ 37 | | 2.6 | 2.0 | 1.0 | .6 | | | | | | | | | | | | | 58 | 58 | 74 | 29 | | | | | | | | | | | | | |
| 36/ 35 | | 1.4 | 3.9 | 1.1 | .1 | | | | | | | | | | | | | 60 | 60 | 65 | 43 | | | | | | | | | | | | | |
| 34/ 33 | .4 | 4.3 | 3.0 | .9 | .3 | | | | | | | | | | | | | 83 | 83 | 74 | 42 | | | | | | | | | | | | | |
| 32/ 31 | | 2.5 | 4.6 | 1.4 | .5 | | | | | | | | | | | | | 84 | 84 | 83 | 80 | | | | | | | | | | | | | |
| 30/ 29 | .4 | 3.0 | 2.0 | 1.2 | | | | | | | | | | | | | | 62 | 62 | 74 | 68 | | | | | | | | | | | | | |
| 28/ 27 | .2 | 1.9 | 2.6 | | | | | | | | | | | | | | | 44 | 44 | 71 | 78 | | | | | | | | | | | | | |
| 26/ 25 | .2 | 2.2 | .9 | | | | | | | | | | | | | | | 30 | 30 | 64 | 70 | | | | | | | | | | | | | |
| 24/ 23 | | 1.9 | .9 | .1 | | | | | | | | | | | | | | 27 | 27 | 52 | 45 | | | | | | | | | | | | | |
| 22/ 21 | .1 | 1.5 | 1.3 | .1 | | | | | | | | | | | | | | 28 | 28 | 24 | 57 | | | | | | | | | | | | | |
| 20/ 19 | | 1.1 | 1.1 | .2 | | | | | | | | | | | | | | 22 | 22 | 27 | 69 | | | | | | | | | | | | | |
| 18/ 17 | .2 | 2.5 | .6 | | | | | | | | | | | | | | | 31 | 31 | 22 | 37 | | | | | | | | | | | | | |
| 16/ 15 | | 1.2 | .4 | | | | | | | | | | | | | | | 15 | 15 | 34 | 49 | | | | | | | | | | | | | |
| 14/ 13 | | 1.0 | | | | | | | | | | | | | | | | 9 | 9 | 17 | 21 | | | | | | | | | | | | | |
| 12/ 11 | | .5 | | | | | | | | | | | | | | | | 5 | 5 | 10 | 30 | | | | | | | | | | | | | |
| 10/ 9 | | .5 | .2 | | | | | | | | | | | | | | | 7 | 7 | 6 | 37 | | | | | | | | | | | | | |
| 8/ 7 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 3 | 19 | | | | | | | | | | | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | 2 | 7 | | | | | | | | | | | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | | | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

6477.54321

74-83

JAN
MONTH

0600-0800

HOURS (L., S., T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
11 JUL 77

PSYCHROMETRIC SUMMARY

McGraw-Hill

PAGE 1 0900-1100
HOURS (L. S. T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B. - W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|----------|----------|-----------|--------|--|-------|--|--|--|--|--|--|--|--|----------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 76/ 75 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 70/ 69 | | | | | | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | 9 | 9 | | | | | | | | | | | | | | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | 10 | 10 | | | | | | | | | | | | | | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | 16 | 16 | | | | | | | | | | | | | | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | 18 | 18 | 2 | 2 | | | | | | | | | | | | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | 22 | 22 | 4 | 4 | | | | | | | | | | | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | 28 | 28 | 8 | 1 | | | | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | 26 | 26 | 9 | 6 | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | 38 | 38 | 9 | 5 | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | 42 | 42 | 24 | 3 | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | 44 | 44 | 28 | 2 | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | 46 | 46 | 44 | 12 | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | 58 | 58 | 43 | 17 | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | 66 | 66 | 61 | 18 | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | 59 | 59 | 71 | 35 | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | 60 | 60 | 72 | 49 | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | 41 | 41 | 89 | 32 | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | 51 | 51 | 58 | 65 | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | 67 | 67 | 78 | 58 | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | 57 | 57 | 63 | 103 | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | 30 | 30 | 52 | 68 | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | 28 | 28 | 48 | 68 | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | 27 | 27 | 46 | 35 | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | 14 | 14 | 25 | 43 | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | 23 | 23 | 18 | 50 | | | | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | 27 | 27 | 25 | 66 | | | | | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | 3 | 3 | 25 | 40 | | | | | | | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | 9 | 9 | 17 | 33 | | | | | | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | 2 | 2 | 6 | 22 | | | | | | | | | | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | 1 | 1 | 38 | | | | | | | | | | | | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | 1 | 1 | 3 | 16 | | | | | | | | | | | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | 1 | 1 | 2 | 9 | | | | | | | | | | | | | | |
| Element (X) | Σ H ¹ | | Σ H | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 6 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 86 F | | ≥ 93 F | | Total | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

7226 65
STATION

DYESS AFB TX

74-83

JAN

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

7226 65
STATION

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74-83

JAN

PAGE 1 1200-1400
HOURS (L. S. T.)

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PSYCHROMETRIC SUMMARY

7226 65
STATION

DYESS AFB TX

74-83

JAN

PAGE 2 1200-1400
HOURS (L. S. T.)

2

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YEARS

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MONTH

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USAFETAC

PSYCHROMETRIC SUMMARY

7226 65
STATION

DYESS AFB TX

74-83

JAN
MONTH

PAGE 2

1500-1700
HOURS (L. S. T.)

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PSYCHROMETRIC SUMMARY

7226 65

DYESS AFB TX

74-83

JAN

PAGE 1

1800-2000
HOURS U S T I

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|-------|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | |
| 78/ 77 | | | | | | | | | | .2 | .3 | | | .1 | | | | 1 | 1 | | | | | | | | | | | | | |
| 72/ 71 | | | | | | | | | | .3 | .3 | .1 | .1 | .2 | | | | 5 | 5 | | | | | | | | | | | | | |
| 70/ 69 | | | | | | .1 | .1 | .2 | .3 | .2 | .2 | | | | | | | 11 | 11 | | | | | | | | | | | | | |
| 68/ 67 | | | | | .1 | .1 | .1 | .2 | .3 | .2 | .2 | | | | | | | 10 | 10 | | | | | | | | | | | | | |
| 66/ 65 | | | | .1 | .2 | | .1 | .1 | .2 | .2 | .2 | | | | | | | 11 | 11 | | | | | | | | | | | | | |
| 64/ 63 | | | .1 | | .1 | .1 | .4 | .4 | .5 | .8 | | | | | | | | 23 | 23 | | | | | | | | | | | | | |
| 62/ 61 | | | | | | .4 | .3 | .5 | .8 | | | | | | | | | 19 | 19 | 2 | | | | | | | | | | | | |
| 60/ 59 | | | | | .4 | .4 | .3 | .4 | .4 | .2 | .1 | | | | | | | 22 | 22 | 2 | | | | | | | | | | | | |
| 58/ 57 | | | .1 | .3 | .9 | .8 | 1.1 | .9 | | .2 | | | | | | | | 39 | 39 | 5 | 3 | | | | | | | | | | | |
| 56/ 55 | | .1 | .4 | .4 | .4 | 1.3 | 1.1 | .8 | .5 | | | | | | | | | 47 | 47 | 4 | | | | | | | | | | | | |
| 54/ 53 | | | .1 | .2 | 1.1 | 1.5 | 1.7 | .8 | | | | | | | | | | 50 | 50 | 14 | 1 | | | | | | | | | | | |
| 52/ 51 | | .1 | .2 | .8 | .5 | 1.6 | .6 | .2 | .2 | | | | | | | | | 40 | 40 | 28 | 4 | | | | | | | | | | | |
| 50/ 49 | | | .4 | .4 | 2.4 | 1.5 | .8 | .5 | .1 | | | | | | | | | 57 | 57 | 32 | 5 | | | | | | | | | | | |
| 48/ 47 | | 1.1 | .5 | 1.7 | 1.9 | .9 | .9 | .3 | | | | | | | | | | 68 | 68 | 42 | 6 | | | | | | | | | | | |
| 46/ 45 | | .5 | .9 | 1.3 | 2.5 | 1.5 | .6 | .2 | | | | | | | | | | 70 | 70 | 66 | 13 | | | | | | | | | | | |
| 44/ 43 | | 1.0 | .6 | .9 | 1.3 | .6 | .2 | | | | | | | | | | | 43 | 43 | 72 | 25 | | | | | | | | | | | |
| 42/ 41 | | .6 | 1.4 | 1.1 | 1.0 | .6 | | | | | | | | | | | | 44 | 44 | 84 | 23 | | | | | | | | | | | |
| 40/ 39 | .1 | .9 | 1.5 | 2.4 | 1.3 | .5 | | | | | | | | | | | | 62 | 62 | 78 | 44 | | | | | | | | | | | |
| 38/ 37 | | 1.3 | 1.5 | .8 | 1.2 | .5 | | | | | | | | | | | | 49 | 49 | 75 | 40 | | | | | | | | | | | |
| 36/ 35 | .4 | 1.8 | 1.2 | 1.2 | 1.2 | | | | | | | | | | | | | 54 | 54 | 74 | 45 | | | | | | | | | | | |
| 34/ 33 | .1 | 1.6 | 1.2 | .6 | .6 | .1 | | | | | | | | | | | | 40 | 40 | 84 | 56 | | | | | | | | | | | |
| 32/ 31 | | 2.5 | 1.4 | 1.3 | .8 | | | | | | | | | | | | | 55 | 55 | 49 | 97 | | | | | | | | | | | |
| 30/ 29 | | .5 | .8 | .9 | .5 | | | | | | | | | | | | | 25 | 25 | 56 | 79 | | | | | | | | | | | |
| 28/ 27 | .1 | .8 | 1.4 | 1.0 | .1 | | | | | | | | | | | | | 31 | 31 | 37 | 97 | | | | | | | | | | | |
| 26/ 25 | | 1.1 | .9 | .4 | | | | | | | | | | | | | | 22 | 22 | 37 | 48 | | | | | | | | | | | |
| 24/ 23 | | .1 | .2 | .2 | | | | | | | | | | | | | | 5 | 5 | 36 | 52 | | | | | | | | | | | |
| 22/ 21 | .3 | .4 | .2 | .1 | | | | | | | | | | | | | | 10 | 10 | 21 | 48 | | | | | | | | | | | |
| 20/ 19 | | .1 | .2 | .2 | | | | | | | | | | | | | | 5 | 5 | 11 | 39 | | | | | | | | | | | |
| 18/ 17 | | | .3 | .1 | | | | | | | | | | | | | | 4 | 4 | 4 | 39 | | | | | | | | | | | |
| 16/ 15 | | .4 | .1 | | | | | | | | | | | | | | | 5 | 5 | 3 | 34 | | | | | | | | | | | |
| 14/ 13 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 8 | 32 | | | | | | | | | | | |
| 12/ 11 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

7226 65
STATION

DYESS AFB TX

74-83

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1800-2000

HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

 JAN
MONTH

HOURS: 5.30 - 7.30

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

7226 65
STATION

DYESS AFB TX

74-83

JAN

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PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

ALL
HOURS 11 A.M. - 5 P.M.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B. W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----------|----------|-----------|------------------------------------|--|--------|--|--------|--|--------|--|--------|--|--------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| 88/ 87 | | | | | | | | | | | | | | | | .0 | .0 | 2 | 2 | | | | | | | | | | | | | | | | |
| 84/ 83 | | | | | | | | | | | | | | | | .1 | .0 | 6 | 6 | | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | | | | | .0 | .0 | | | .0 | .0 | | 7 | 7 | | | | | | | | | | | | | | | | |
| 80/ 79 | | | | | | | | | | | | .0 | .0 | | | | | 3 | 3 | | | | | | | | | | | | | | | | |
| 76/ 77 | | | | | | | | | | | .1 | .1 | .1 | | | | | 19 | 19 | | | | | | | | | | | | | | | | |
| 76/ 75 | | | | | | | | | .0 | .1 | .2 | .1 | .1 | .1 | | | | 31 | 31 | | | | | | | | | | | | | | | | |
| 74/ 73 | | | | | | | | .0 | .0 | .0 | .1 | .1 | .1 | .0 | | | | 35 | 35 | | | | | | | | | | | | | | | | |
| 72/ 71 | | | | | | .0 | .0 | .0 | .1 | .1 | .3 | .0 | .0 | | | | | 43 | 43 | | | | | | | | | | | | | | | | |
| 70/ 69 | | | .0 | | | .1 | .1 | .1 | .1 | .3 | .2 | .1 | .0 | | | | | 67 | 67 | | | | | | | | | | | | | | | | |
| 68/ 67 | | | | | .0 | .0 | .1 | .1 | .1 | .3 | .2 | .1 | .0 | | | | | 71 | 71 | | | | | | | | | | | | | | | | |
| 66/ 65 | | .0 | | .0 | .0 | .0 | .1 | .3 | .3 | .2 | .1 | .0 | | | | | | 86 | 86 | 1 | | | | | | | | | | | | | | | |
| 64/ 63 | | .0 | .1 | .1 | .1 | .1 | .4 | .3 | .5 | .2 | .1 | | | | | | | 150 | 150 | 3 | 1 | | | | | | | | | | | | | | |
| 62/ 61 | | .0 | .1 | .1 | .1 | .3 | .3 | .4 | .5 | .1 | .0 | | | | | | | 144 | 144 | 12 | 5 | | | | | | | | | | | | | | |
| 60/ 59 | | .1 | .1 | .1 | .3 | .3 | .5 | .7 | .3 | .1 | .0 | | | | | | | 191 | 191 | 34 | 2 | | | | | | | | | | | | | | |
| 58/ 57 | | .0 | .1 | .2 | .4 | .4 | .7 | .9 | .3 | .1 | | | | | | | | 240 | 240 | 56 | 18 | | | | | | | | | | | | | | |
| 56/ 55 | | .0 | .3 | .2 | .4 | .6 | .8 | .5 | .2 | | | | | | | | | 219 | 219 | 75 | 21 | | | | | | | | | | | | | | |
| 54/ 53 | .0 | .2 | .4 | .4 | .7 | 1.0 | .8 | .3 | .1 | .0 | | | | | | | | 291 | 291 | 109 | 21 | | | | | | | | | | | | | | |
| 52/ 51 | | .2 | .5 | .7 | .6 | 1.1 | .6 | .2 | .1 | | | | | | | | | 301 | 301 | 226 | 24 | | | | | | | | | | | | | | |
| 50/ 49 | | .1 | .7 | .7 | 1.4 | 1.2 | .5 | .3 | .0 | | | | | | | | | 365 | 365 | 249 | 57 | | | | | | | | | | | | | | |
| 48/ 47 | | .8 | .7 | 1.0 | 1.0 | .7 | .5 | .1 | | | | | | | | | | 366 | 366 | 320 | 66 | | | | | | | | | | | | | | |
| 46/ 45 | .0 | .9 | .8 | 1.2 | 1.5 | .7 | .3 | .1 | | | | | | | | | | 403 | 403 | 449 | 134 | | | | | | | | | | | | | | |
| 44/ 43 | .1 | .9 | .9 | 1.3 | .9 | .6 | .1 | | | | | | | | | | | 355 | 355 | 450 | 162 | | | | | | | | | | | | | | |
| 42/ 41 | .1 | 1.0 | 1.4 | 1.5 | 1.0 | .5 | .1 | | | | | | | | | | | 419 | 419 | 514 | 224 | | | | | | | | | | | | | | |
| 40/ 39 | .1 | 1.2 | 1.6 | 1.9 | 1.1 | .4 | .0 | | | | | | | | | | | 468 | 468 | 523 | 297 | | | | | | | | | | | | | | |
| 38/ 37 | .1 | 1.5 | 1.6 | 1.1 | .8 | .2 | | | | | | | | | | | | 398 | 398 | 526 | 300 | | | | | | | | | | | | | | |
| 36/ 35 | .1 | 2.0 | 2.3 | 1.5 | .5 | .0 | | | | | | | | | | | | 478 | 478 | 515 | 398 | | | | | | | | | | | | | | |
| 34/ 33 | .2 | 2.8 | 1.9 | 1.2 | .5 | .1 | | | | | | | | | | | | 498 | 498 | 659 | 423 | | | | | | | | | | | | | | |
| 32/ 31 | .1 | 1.9 | 2.3 | 1.3 | .3 | .0 | | | | | | | | | | | | 445 | 445 | 541 | 734 | | | | | | | | | | | | | | |
| 30/ 29 | .1 | 1.3 | 1.5 | 1.0 | .1 | | | | | | | | | | | | | 300 | 300 | 456 | 603 | | | | | | | | | | | | | | |
| 28/ 27 | .1 | 1.2 | 1.6 | .6 | .1 | | | | | | | | | | | | | 269 | 269 | 378 | 647 | | | | | | | | | | | | | | |
| 26/ 25 | .1 | 1.3 | .9 | .3 | .0 | | | | | | | | | | | | | 196 | 196 | 365 | 470 | | | | | | | | | | | | | | |
| 24/ 23 | .0 | .7 | .6 | .1 | | | | | | | | | | | | | | 107 | 107 | 296 | 367 | | | | | | | | | | | | | | |
| 22/ 21 | .1 | .8 | .6 | .3 | | | | | | | | | | | | | | 139 | 139 | 185 | 394 | | | | | | | | | | | | | | |
| 20/ 19 | .0 | 1.0 | .4 | .2 | | | | | | | | | | | | | | 121 | 121 | 141 | 458 | | | | | | | | | | | | | | |
| Element (X) | 2x' | | | | 2x | | | | x | | | | 0x | | | | No. Obs. | | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | ± 0 F | | ± 32 F | | ± 67 F | | ± 73 F | | ± 80 F | | ± 93 F | | Total | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

74-83

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS 4.5 - 7.5

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PSYCHROMETRIC SUMMARY

FEB
MONTH

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HOURS (L. S. T.)

[illegible]

U.S. SAFETY FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

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FEB

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HOURS (L. S. T.)

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PSYCHROMETRIC SUMMARY

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STATION

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PAGE 2 0300-0500
HOURS (L. S. T.)

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

7226 65 DYESS AFB TX

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HOURS U. S. T. 1

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PSYCHROMETRIC SUMMARY

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STATION

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FEA

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| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 72/ 77 | | | | | | | | | | | | | | | | | | 3 | 3 | | | | | | | | | | | | | | | | |
| 76/ 75 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | | | | | | | | | | | | | |
| 74/ 73 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | | | | | | | | | | | | | |
| 72/ 71 | | | | | | | | | | | | | | | | | | 8 | 8 | | | | | | | | | | | | | | | | |
| 70/ 69 | | | | | | | | | | | | | | | | | | 18 | 18 | | | | | | | | | | | | | | | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | 21 | 21 | | | | | | | | | | | | | | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | 32 | 32 | 1 | | | | | | | | | | | | | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | 22 | 22 | 7 | | | | | | | | | | | | | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | 40 | 40 | 7 | 3 | | | | | | | | | | | | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | 34 | 34 | 12 | 6 | | | | | | | | | | | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | 29 | 29 | 18 | 8 | | | | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | 31 | 31 | 25 | 8 | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | 44 | 44 | 20 | 15 | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | 45 | 45 | 38 | 16 | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | 51 | 51 | 39 | 9 | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | 43 | 43 | 56 | 7 | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | 45 | 45 | 73 | 22 | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | 45 | 45 | 62 | 29 | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | 40 | 40 | 66 | 51 | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | 58 | 58 | 63 | 57 | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | 53 | 53 | 71 | 61 | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | 31 | 31 | 73 | 65 | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | 32 | 32 | 47 | 47 | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | 33 | 33 | 43 | 88 | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | 16 | 16 | 28 | 58 | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | 18 | 18 | 20 | 56 | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | 19 | 19 | 25 | 40 | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | 6 | 6 | 23 | 23 | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | 11 | 11 | 6 | 24 | | | | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | 6 | 6 | 11 | 46 | | | | | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | 2 | 2 | 6 | 28 | | | | | | | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 19 | | | | | | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 23 | | | | | | | | | | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 13 | | | | | | | | | | | | | | |
| Element (X) | Σ g ² | | | Σ g | | | Σ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

7226 65
STATION

DYESS AFB TX

74-83

FEB

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NOV 15 1964

[illegible]

PSYCHROMETRIC SUMMARY

7226 65
STATION

DYESS AFB TX

74-83

FEB

PAGE 1 1200-1400

HOURS S. T.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B. W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|----------|----------|-----------|----|--|--|--|--|--|--|--|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | |
| 88/ 87 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 86/ 85 | | | | | | | | | | | | .1 | | | .1 | .1 | | 3 | 3 | | | | | | | | | | | | | |
| 84/ 83 | | | | | | | | | | | | .2 | | | .1 | .2 | | 5 | 5 | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | | | | | .1 | .2 | .5 | | .1 | .2 | | 10 | 10 | | | | | | | | | | | | | |
| 80/ 79 | | | | | | | | .1 | .4 | | .1 | .4 | .5 | | .1 | | | 13 | 13 | | | | | | | | | | | | | |
| 78/ 77 | | | | | | | | .1 | | .4 | | .4 | .2 | 1.1 | .4 | .2 | | 23 | 23 | | | | | | | | | | | | | |
| 76/ 75 | | | | | | .2 | .1 | .1 | | .5 | .5 | .9 | .4 | .1 | | | | 24 | 24 | | | | | | | | | | | | | |
| 74/ 73 | | | | | | .1 | .1 | .1 | .5 | .4 | .8 | .7 | .6 | .1 | | | | 29 | 29 | | | | | | | | | | | | | |
| 72/ 71 | | | | | .2 | .4 | .2 | .4 | .4 | .6 | 1.1 | 1.1 | .6 | | | | | 41 | 41 | | | | | | | | | | | | | |
| 70/ 69 | | | | .1 | .2 | .2 | .1 | .5 | .2 | .6 | .9 | .2 | .4 | | | | | 33 | 33 | | | | | | | | | | | | | |
| 68/ 67 | | | | .2 | .6 | .2 | | .8 | .4 | .5 | .6 | .8 | | | | | | 35 | 35 | | | | | | | | | | | | | |
| 66/ 65 | | | .1 | .1 | .1 | .1 | .9 | .5 | .2 | .6 | .7 | .5 | | | | | | 33 | 33 | | 3 | | | | | | | | | | | |
| 64/ 63 | | | .1 | .2 | | .4 | | .7 | 1.1 | .8 | .5 | | | | | | | 35 | 35 | 12 | | | | | | | | | | | | |
| 62/ 61 | | | .1 | .1 | .1 | 1.1 | .7 | .9 | .4 | .4 | .8 | | | | | | | 35 | 35 | 14 | | | | | | | | | | | | |
| 60/ 59 | | | .1 | | .6 | .9 | .9 | 1.3 | .8 | .4 | .1 | | | | | | | 44 | 44 | 26 | 7 | | | | | | | | | | | |
| 58/ 57 | | | .1 | .4 | .5 | .9 | 1.9 | 1.1 | .5 | .4 | | | | | | | | 45 | 45 | 27 | 4 | | | | | | | | | | | |
| 56/ 55 | | .4 | .4 | .1 | 1.8 | .6 | 1.2 | .4 | .4 | .1 | | | | | | | | 44 | 44 | 32 | 15 | | | | | | | | | | | |
| 54/ 53 | | .1 | .1 | .8 | .9 | 1.2 | .8 | .4 | | | | | | | | | | 37 | 37 | 62 | 9 | | | | | | | | | | | |
| 52/ 51 | | .5 | .2 | .5 | 1.3 | .9 | .9 | .1 | .1 | | | | | | | | | 35 | 35 | 56 | 13 | | | | | | | | | | | |
| 50/ 49 | | .1 | .6 | .2 | 1.4 | .2 | .6 | .1 | | | | | | | | | | 28 | 28 | 66 | 6 | | | | | | | | | | | |
| 48/ 47 | | .4 | .4 | 1.3 | .9 | .5 | .5 | | | | | | | | | | | 33 | 33 | 75 | 17 | | | | | | | | | | | |
| 46/ 45 | | .5 | .7 | .8 | .4 | .6 | .1 | | | | | | | | | | | 26 | 26 | 72 | 22 | | | | | | | | | | | |
| 44/ 43 | | .9 | 1.2 | 1.5 | .5 | .8 | .1 | | | | | | | | | | | 43 | 43 | 76 | 36 | | | | | | | | | | | |
| 42/ 41 | .1 | .8 | .7 | 1.3 | .4 | .4 | .1 | | | | | | | | | | | 32 | 32 | 54 | 55 | | | | | | | | | | | |
| 40/ 39 | .1 | 1.2 | .6 | .7 | .6 | .5 | | | | | | | | | | | | 31 | 31 | 52 | 52 | | | | | | | | | | | |
| 38/ 37 | .1 | 1.3 | .1 | .1 | 1.2 | | | | | | | | | | | | | 24 | 24 | 43 | 50 | | | | | | | | | | | |
| 36/ 35 | .2 | 1.4 | .9 | .2 | .2 | | | | | | | | | | | | | 26 | 26 | 37 | 73 | | | | | | | | | | | |
| 34/ 33 | | .9 | .5 | .4 | .2 | | | | | | | | | | | | | 17 | 17 | 30 | 52 | | | | | | | | | | | |
| 32/ 31 | .2 | .9 | .2 | .2 | .4 | | | | | | | | | | | | | 17 | 17 | 30 | 88 | | | | | | | | | | | |
| 30/ 29 | .1 | .2 | .7 | .1 | | | | | | | | | | | | | | 10 | 10 | 23 | 58 | | | | | | | | | | | |
| 28/ 27 | | .8 | .7 | .4 | .1 | | | | | | | | | | | | | 17 | 17 | 11 | 61 | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS

FEB
MAR 1964

PAGE 2 1200-1400

[illegible]

USAFETAC FORM 0.26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

74-63

YEARS

FFF

PAGE 1 1500-1700

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 91/ 89 | | | | | | | | | | | | | | | | .1 | | 1 | 1 | | | | | | | | | | | | | | | | |
| 88/ 87 | | | | | | | | | | | | | | .2 | .1 | .4 | | 6 | 6 | | | | | | | | | | | | | | | | |
| 86/ 85 | | | | | | | | | | | | .2 | | .4 | .1 | .4 | | 6 | 6 | | | | | | | | | | | | | | | | |
| 84/ 83 | | | | | | | | | | | | .2 | .4 | .4 | | .6 | | 13 | 13 | | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | | | | | .1 | .1 | .1 | .2 | .2 | .2 | | 9 | 9 | | | | | | | | | | | | | | | | |
| 80/ 79 | | | | | | | | | .5 | .2 | .4 | .5 | .5 | .7 | .6 | | | 28 | 28 | | | | | | | | | | | | | | | | |
| 78/ 77 | | | | | | | .3 | .4 | | | .5 | .6 | 2.2 | .7 | .1 | | | 40 | 40 | | | | | | | | | | | | | | | | |
| 76/ 75 | | | | | | | .2 | | | .1 | .4 | 1.2 | 1.4 | .7 | | | | 34 | 34 | | | | | | | | | | | | | | | | |
| 74/ 73 | | | | | | .1 | .1 | | .4 | .6 | .6 | .6 | 1.5 | .4 | | | | 36 | 36 | | | | | | | | | | | | | | | | |
| 72/ 71 | | | | | | .4 | .5 | | .6 | .1 | | 1.2 | .7 | | | | | 29 | 29 | | | | | | | | | | | | | | | | |
| 70/ 69 | | | | | | .5 | .1 | .4 | 1.4 | .4 | .5 | .7 | .7 | | | | | 39 | 39 | | | | | | | | | | | | | | | | |
| 68/ 67 | | | .1 | | .4 | .5 | .2 | .5 | .4 | .7 | 1.1 | .9 | | | | | | 40 | 40 | | | | | | | | | | | | | | | | |
| 66/ 65 | | | .2 | | | .2 | .8 | .9 | 1.4 | .7 | .1 | .6 | | | | | | 43 | 43 | 3 | | | | | | | | | | | | | | | |
| 64/ 63 | | | | .1 | | .4 | .4 | .9 | 1.1 | .6 | .5 | .4 | | | | | | 36 | 36 | 14 | | | | | | | | | | | | | | | |
| 62/ 61 | | | | | | 1.1 | .8 | 1.3 | .9 | .7 | .4 | | | | | | | 44 | 44 | 19 | | | | | | | | | | | | | | | |
| 60/ 59 | | | | .1 | .4 | 1.1 | .5 | 1.3 | .4 | .2 | .1 | | | | | | | 34 | 34 | 14 | 3 | | | | | | | | | | | | | | |
| 58/ 57 | | | .5 | .1 | .4 | 2.1 | .4 | 1.8 | .6 | .2 | | | | | | | | 51 | 51 | 31 | 5 | | | | | | | | | | | | | | |
| 56/ 55 | | | | .1 | 1.1 | 1.1 | 1.2 | .6 | .1 | | | | | | | | | 35 | 35 | 54 | 6 | | | | | | | | | | | | | | |
| 54/ 53 | | .4 | .5 | .5 | .4 | 1.3 | .7 | .5 | | | | | | | | | | 35 | 35 | 72 | 15 | | | | | | | | | | | | | | |
| 52/ 51 | | .2 | .4 | .4 | .6 | .7 | .7 | .2 | .4 | | | | | | | | | 30 | 30 | 67 | 7 | | | | | | | | | | | | | | |
| 50/ 49 | | .1 | | .6 | .8 | .7 | | .3 | | | | | | | | | | 21 | 21 | 90 | 11 | | | | | | | | | | | | | | |
| 48/ 47 | | | .2 | 1.1 | .6 | .4 | .6 | .2 | | | | | | | | | | 26 | 26 | 72 | 13 | | | | | | | | | | | | | | |
| 46/ 45 | .1 | .4 | .6 | .7 | .9 | .4 | .4 | .1 | | | | | | | | | | 30 | 30 | 59 | 28 | | | | | | | | | | | | | | |
| 44/ 43 | .1 | 1.1 | .6 | .9 | .7 | .4 | .1 | | | | | | | | | | | 33 | 33 | 80 | 28 | | | | | | | | | | | | | | |
| 42/ 41 | .6 | .7 | | .5 | .6 | .2 | | | | | | | | | | | | 22 | 22 | 51 | 56 | | | | | | | | | | | | | | |
| 40/ 39 | | .2 | .4 | .4 | .5 | .6 | | | | | | | | | | | | 17 | 17 | 40 | 39 | | | | | | | | | | | | | | |
| 38/ 37 | | .8 | .4 | .5 | .5 | .1 | | | | | | | | | | | | 19 | 19 | 35 | 53 | | | | | | | | | | | | | | |
| 36/ 35 | .1 | 1.2 | .5 | | | .2 | | | | | | | | | | | | 17 | 17 | 22 | 63 | | | | | | | | | | | | | | |
| 34/ 33 | .2 | 1.4 | | .6 | .1 | | | | | | | | | | | | | 20 | 20 | 34 | 53 | | | | | | | | | | | | | | |
| 32/ 31 | .5 | .4 | .2 | .4 | .4 | | | | | | | | | | | | | 15 | 15 | 28 | 76 | | | | | | | | | | | | | | |
| 30/ 29 | | .7 | .7 | .2 | | | | | | | | | | | | | | 14 | 14 | 9 | 72 | | | | | | | | | | | | | | |
| 28/ 27 | | .5 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

15 E

PAGE 2 1500-1700

[illegible]

PSYCHROMETRIC SUMMARY

7226 65
STATION

DYESS AFB TX

74-83

FEB

PAGE 1 1800-2000
HQ:IRS (L-S-T)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B. W.B. | TOTAL | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|----------|----------|-----------|----|--|--|--|--|--|--|--|--|--|--------------------|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| 84/ 83 | | | | | | | | | | | | .1 | .1 | | .2 | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | | | | | | .1 | .1 | | .2 | | | 4 | 4 | | | | | | | | | | | | | | | | |
| 80/ 79 | | | | | | | | | | | | .1 | .1 | | .1 | | | 4 | 4 | | | | | | | | | | | | | | | | |
| 78/ 77 | | | | | | | | | | .1 | .1 | .1 | .1 | .1 | .1 | | | 6 | 6 | | | | | | | | | | | | | | | | |
| 76/ 75 | | | | | | | | | .3 | .1 | .4 | .1 | .2 | .6 | .2 | | | 16 | 16 | | | | | | | | | | | | | | | | |
| 74/ 73 | | | | | | | | .1 | .1 | .1 | .4 | .5 | .4 | .2 | .1 | | | 16 | 16 | | | | | | | | | | | | | | | | |
| 72/ 71 | | | | | | | .5 | .1 | .4 | .1 | .1 | .8 | .5 | | | | | 21 | 21 | | | | | | | | | | | | | | | | |
| 70/ 69 | | | | | | .1 | .4 | .2 | .4 | .4 | .6 | .8 | .2 | | | | | 26 | 26 | | | | | | | | | | | | | | | | |
| 68/ 67 | | | | | | .8 | | .2 | .5 | .2 | .6 | .6 | .1 | | | | | 26 | 26 | | | | | | | | | | | | | | | | |
| 66/ 65 | | | .4 | | .1 | .2 | | .8 | .6 | .6 | .4 | .4 | | | | | | 29 | 29 | | | | | | | | | | | | | | | | |
| 64/ 63 | | | | .1 | .1 | .4 | .6 | .5 | 1.2 | .7 | .9 | .2 | | | | | | 40 | 40 | 1 | | | | | | | | | | | | | | | |
| 62/ 61 | | | | .2 | .4 | .8 | .7 | .6 | 1.1 | .6 | .6 | | | | | | | 42 | 42 | 2 | | | | | | | | | | | | | | | |
| 60/ 59 | | | .2 | | .4 | 1.3 | .6 | .6 | .7 | .5 | .5 | | | | | | | 40 | 40 | 14 | 3 | | | | | | | | | | | | | | |
| 58/ 57 | | | .1 | .2 | .5 | 1.1 | .9 | .7 | .7 | .4 | | | | | | | | 39 | 39 | 20 | | | | | | | | | | | | | | | |
| 56/ 55 | | | .4 | .2 | 1.2 | .8 | 1.3 | 1.7 | .5 | .1 | | | | | | | | 52 | 52 | 16 | | | | | | | | | | | | | | | |
| 54/ 53 | | .4 | | .6 | 1.2 | .9 | .8 | .7 | .2 | | | | | | | | | 41 | 41 | 25 | 8 | | | | | | | | | | | | | | |
| 52/ 51 | | .4 | .4 | .7 | 1.5 | 1.3 | .6 | .6 | | .1 | | | | | | | | 47 | 47 | 55 | 17 | | | | | | | | | | | | | | |
| 50/ 49 | | | .8 | .9 | 1.3 | 1.3 | .9 | .5 | .4 | | | | | | | | | 52 | 52 | 53 | 12 | | | | | | | | | | | | | | |
| 48/ 47 | | | .9 | 1.5 | 1.2 | .8 | .5 | | | | | | | | | | | 42 | 42 | 80 | 10 | | | | | | | | | | | | | | |
| 46/ 45 | .1 | .5 | .9 | 1.1 | 1.1 | .5 | | .1 | | | | | | | | | | 36 | 36 | 64 | 22 | | | | | | | | | | | | | | |
| 44/ 43 | .1 | .8 | .8 | .7 | 1.3 | .4 | .4 | .1 | | | | | | | | | | 39 | 39 | 90 | 20 | | | | | | | | | | | | | | |
| 42/ 41 | .2 | 1.4 | .8 | 1.3 | .6 | .2 | .2 | | | | | | | | | | | 41 | 41 | 80 | 55 | | | | | | | | | | | | | | |
| 40/ 39 | | .5 | .5 | 2.1 | .2 | .1 | .1 | | | | | | | | | | | 30 | 30 | 70 | 52 | | | | | | | | | | | | | | |
| 38/ 37 | | .8 | .6 | .7 | .7 | | | | | | | | | | | | | 29 | 29 | 46 | 43 | | | | | | | | | | | | | | |
| 36/ 35 | | 1.1 | 1.3 | .6 | .5 | .1 | | | | | | | | | | | | 30 | 30 | 43 | 47 | | | | | | | | | | | | | | |
| 34/ 33 | .1 | 2.0 | .4 | .4 | .1 | .1 | | | | | | | | | | | | 26 | 26 | 41 | 53 | | | | | | | | | | | | | | |
| 32/ 31 | 1.2 | .7 | .5 | .8 | .4 | | | | | | | | | | | | | 30 | 30 | 50 | 79 | | | | | | | | | | | | | | |
| 30/ 29 | | .6 | .6 | .5 | .1 | | | | | | | | | | | | | 15 | 15 | 20 | 52 | | | | | | | | | | | | | | |
| 28/ 27 | | .4 | .9 | .2 | | | | | | | | | | | | | | 13 | 13 | 19 | 68 | | | | | | | | | | | | | | |
| 26/ 25 | | .7 | .4 | | | | | | | | | | | | | | | 9 | 9 | 17 | 71 | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 17 | 26 | | | | | | | | | | | | | | |
| 22/ 21 | | .1 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

7226 65
STATION

DYESS AFB TX

74-83

FEB

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

| | |
|---------|--------------|
| 722665 | DYESS AFB TX |
| STATION | STATION NAME |

74-83

YEARS

FEB

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HOURS S. T.

2000-2001
HOURS 5 7

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PSYCHROMETRIC SUMMARY

722665 DYESS AFB TX

74-83

FEB

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HOURS S. T.

[illegible]

PSYCHROMETRIC SUMMARY

7226 65

DYESS AFB TX

74-83

FFA

STATION

STATION NAME

YEARS

1909

PAGE 1

All

NOV 1965

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|------------------------------------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 90/ 89 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 88/ 87 | | | | | | | | | | | | | | | | | | 7 | 7 | | | | | | | | | | | | | | | | |
| 86/ 85 | | | | | | | | | | | | | | | | | | 9 | 9 | | | | | | | | | | | | | | | | |
| 84/ 83 | | | | | | | | | | | | | | | | | | 19 | 19 | | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | | | | | | | | | | | | 23 | 23 | | | | | | | | | | | | | | | | |
| 80/ 79 | | | | | | | | | | | | | | | | | | 45 | 45 | | | | | | | | | | | | | | | | |
| 78/ 77 | | | | | | | | | | | | | | | | | | 72 | 72 | | | | | | | | | | | | | | | | |
| 76/ 75 | | | | | | | | | | | | | | | | | | 79 | 79 | | | | | | | | | | | | | | | | |
| 74/ 73 | | | | | | | | | | | | | | | | | | 86 | 86 | | | | | | | | | | | | | | | | |
| 72/ 71 | | | | | | | | | | | | | | | | | | 107 | 107 | | | | | | | | | | | | | | | | |
| 70/ 69 | | | | | | | | | | | | | | | | | | 126 | 126 | | | | | | | | | | | | | | | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | 146 | 146 | | | | | | | | | | | | | | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | 178 | 178 | | | | | | | | | | | | | | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | 203 | 203 | | | | | | | | | | | | | | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | 236 | 236 | | | | | | | | | | | | | | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | 252 | 252 | | | | | | | | | | | | | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | 276 | 276 | | | | | | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | 306 | 306 | | | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | 298 | 298 | | | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | 267 | 267 | | | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | 297 | 297 | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | 313 | 313 | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | 351 | 351 | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | 372 | 372 | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | 381 | 381 | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | 363 | 363 | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | 311 | 311 | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | 289 | 289 | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | 302 | 302 | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | 353 | 353 | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | 194 | 194 | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | 191 | 191 | | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | 147 | 147 | | | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | 37 | 37 | | | | | | | | | | | | | | | | |
| Element (X) | Σ X' | | | | | Σ X | | | | | Σ | | | | | Σ | | | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | Total | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

FFR

YEARS

1402

ALL

HOURS: 9 A.M. - 5 P.M.

[illegible]

PSYCHROMETRIC SUMMARY

7226 65
STATION

DYESS AFB TX

74-83

MAR

PAGE 1 0000-0200
HOURS 10.5. T.1

[illegible]

947, 94321

USAFETAC FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

YEARS

MAR
MONTH

PAGE 7 0000-0200
HOURS: 5:11

[illegible]

PSYCHROMETRIC SUMMARY

7226 65
STATION

DYESS AFB TX

74-83

MAR

PAGE 1 0300-0500
HOURS L. S. T.

[illegible]

PSYCHROMETRIC SUMMARY

7226 65
STATION

OYESS AFB TX

74-83

MAR
MONTH

PAGE 2 0300-0500

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722665 DYESS AFB TX 74-83 MAR
STATION STATION NAME YEARS MONTH

PAGE 1 0600-0800
HOURS

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|-----------|------------|----------|-------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|-------|------|------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | |
| 74/ 73 | | | | | | | | | | | | .1 | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 72/ 71 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 70/ 69 | | | .1 | .2 | | | | | | | .2 | | | | | | | 5 | 5 | | | | | | | | | | | | | | | | |
| 68/ 67 | | | .1 | .3 | .3 | .3 | .1 | | | | .1 | | | | | | | 12 | 12 | | | | | | | | | | | | | | | | |
| 66/ 65 | | | .9 | 1.8 | .6 | .5 | | | | .1 | | | | | | | | 37 | 37 | 1 | | | | | | | | | | | | | | | |
| 64/ 63 | | .1 | 1.4 | .9 | .3 | | .2 | .1 | | | .2 | | | | | | | 30 | 30 | 9 | 1 | | | | | | | | | | | | | | |
| 62/ 61 | | .1 | 1.2 | 1.0 | .6 | .2 | .1 | .1 | | | .1 | | | | | | | 32 | 32 | 14 | 5 | | | | | | | | | | | | | | |
| 60/ 59 | | .5 | 1.0 | 1.0 | .5 | .8 | .3 | .3 | .1 | .1 | | | | | | | | 43 | 43 | 36 | 13 | | | | | | | | | | | | | | |
| 58/ 57 | | .4 | 1.3 | .3 | .4 | .9 | .3 | .1 | | | | | | | | | | 41 | 41 | 30 | 22 | | | | | | | | | | | | | | |
| 56/ 55 | | .3 | 2.7 | 1.6 | 1.6 | 1.1 | .3 | .3 | .2 | | | | | | | | | 75 | 75 | 34 | 28 | | | | | | | | | | | | | | |
| 54/ 53 | .2 | .1 | 1.4 | 1.2 | 1.2 | .8 | .4 | .2 | | | | | | | | | | 51 | 51 | 42 | 32 | | | | | | | | | | | | | | |
| 52/ 51 | .1 | .2 | .9 | 1.6 | .6 | 1.2 | .8 | .3 | | | | | | | | | | 53 | 53 | 32 | 28 | | | | | | | | | | | | | | |
| 50/ 49 | | .6 | 1.8 | 1.9 | 3.2 | 1.1 | .6 | .2 | | | | | | | | | | 89 | 89 | 50 | 30 | | | | | | | | | | | | | | |
| 48/ 47 | | .9 | 1.6 | 1.4 | 1.5 | .9 | .8 | .2 | | | | | | | | | | 67 | 67 | 58 | 36 | | | | | | | | | | | | | | |
| 46/ 45 | .1 | 1.2 | 1.9 | 2.4 | 1.5 | 1.0 | .5 | | | | | | | | | | | 80 | 80 | 78 | 30 | | | | | | | | | | | | | | |
| 44/ 43 | .2 | 1.4 | 1.0 | 1.2 | .9 | .4 | .1 | | | | | | | | | | | 48 | 48 | 65 | 39 | | | | | | | | | | | | | | |
| 42/ 41 | | 1.0 | 2.3 | 1.2 | .9 | .6 | | | | | | | | | | | | 55 | 55 | 93 | 45 | | | | | | | | | | | | | | |
| 40/ 39 | | 1.0 | 1.4 | 1.5 | 1.5 | .1 | | | | | | | | | | | | 51 | 51 | 70 | 25 | | | | | | | | | | | | | | |
| 38/ 37 | | 1.4 | 1.0 | .6 | .3 | .1 | | | | | | | | | | | | 32 | 32 | 73 | 49 | | | | | | | | | | | | | | |
| 36/ 35 | | 1.4 | .9 | .2 | .4 | .3 | | | | | | | | | | | | 30 | 30 | 65 | 55 | | | | | | | | | | | | | | |
| 34/ 33 | | .5 | .5 | 1.2 | .1 | | | | | | | | | | | | | 22 | 22 | 47 | 65 | | | | | | | | | | | | | | |
| 32/ 31 | | 1.3 | 2.0 | .4 | .1 | | | | | | | | | | | | | 36 | 36 | 37 | 72 | | | | | | | | | | | | | | |
| 30/ 29 | | .3 | .6 | .3 | | | | | | | | | | | | | | 12 | 12 | 23 | 48 | | | | | | | | | | | | | | |
| 28/ 27 | | .1 | .6 | .1 | | | | | | | | | | | | | | 8 | 8 | 33 | 55 | | | | | | | | | | | | | | |
| 26/ 25 | .1 | .2 | .3 | | | | | | | | | | | | | | | 6 | 6 | 15 | 28 | | | | | | | | | | | | | | |
| 24/ 23 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 6 | 20 | | | | | | | | | | | | | | |
| 22/ 21 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 5 | 25 | | | | | | | | | | | | | | |
| 20/ 19 | | .3 | .2 | | | | | | | | | | | | | | | 5 | 5 | 3 | 50 | | | | | | | | | | | | | | |
| 18/ 17 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 6 | 27 | | | | | | | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 16 | | | | | | | | | | | | | | |
| 14/ 13 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | 12 | | | | | | | | | | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 9 | | | | | | | | | | | | | | |
| 10/ 9 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 1 | 5 | | | | | | | | | | | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 6 | | | | | | | | | | | | | | |
| Element (X) | ΣX | | | | | \bar{X} | σ_x | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | Total | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | $\leq 0 F$ | $\leq 32 F$ | $\leq 67 F$ | $\leq 73 F$ | $\leq 80 F$ | $\leq 93 F$ | Total | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

PSYCHROMETRIC SUMMARY

722665
STATION

UYESS AFB TX

74-83

MAR
MONTH

PAGE 2

0600-0800
HOURS

[illegible]

PSYCHROMETRIC SUMMARY

| | |
|---------|--------------|
| 722665 | DYESS AFB TX |
| STATION | STATION NAME |

74-83

YEARS

MA
MUN

PAGE 1 1200-1400
HOURS L. S. T.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|----------|-------|-------|------------------------------------|----|-----------|----------|----------|-----------|-------|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 96/ 95 | | | | | | | | | | | | | | | | | | .2 | 2 | 2 | | | | | | | | | | | | | | | |
| 94/ 93 | | | | | | | | | | | | | | | | | | .2 | 2 | 2 | | | | | | | | | | | | | | | |
| 92/ 91 | | | | | | | | | | | | | | | | | | .3 | 3 | 3 | | | | | | | | | | | | | | | |
| 90/ 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88/ 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86/ 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84/ 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80/ 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78/ 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ x' | | | Σ x | | | Σ | | | Σ | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

| | |
|---------|--------------|
| 722665 | DYESS AFB TX |
| STATION | STATION NAME |

74-83

YEARS

MAR
MONTH

PAGE 2 1200-1400
HOURS S. Y.

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LA-E

74-83

YEARS

MAE

HOUS. S. T.

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
11/61 73

94,7 + 54321

MAR

PAGE 2 1500-1700

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0477 54321

PAGE 1 2100-2300
HOURS 14. S. T. 1

74-83

YEARS

MAR
MONTH

PAGE 1 2100-2300
HOURS 14. S. T. 1

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

| | |
|---------|--------------|
| 722665 | GYESS AFB TX |
| STATION | STATION NAME |

74-83

YEARS

MAR

PAGE 1 ALL

HOURS 11 A.M. - 5 P.M.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 96/ 95 | | | | | | | | | | | | | | | | | | .0 | 3 | 3 | | | | | | | | | | | | | | | |
| 94/ 93 | | | | | | | | | | | | | | | | | | .1 | 7 | 7 | | | | | | | | | | | | | | | |
| 92/ 91 | | | | | | | | | | | | | | | | | | .1 | 8 | 8 | | | | | | | | | | | | | | | |
| 90/ 89 | | | | | | | | | | | | | | .0 | .0 | .1 | .0 | .1 | 16 | 16 | | | | | | | | | | | | | | | |
| 88/ 87 | | | | | | | | | | | | .0 | .0 | .1 | .2 | .1 | .0 | | 30 | 30 | | | | | | | | | | | | | | | |
| 86/ 85 | | | | | | | | | | .0 | .1 | .0 | .1 | .1 | .2 | .1 | | | 45 | 45 | | | | | | | | | | | | | | | |
| 84/ 83 | | | | | | | | | .0 | .0 | .1 | .0 | .2 | .1 | .2 | .1 | | | 52 | 52 | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | .7 | .1 | .1 | .1 | .2 | .1 | .3 | .0 | | | | | 80 | 80 | | | | | | | | | | | | | | | |
| 80/ 79 | | | | | | .0 | .1 | .1 | .1 | .1 | .2 | .3 | .2 | .2 | | | | | 93 | 93 | | | | | | | | | | | | | | | |
| 78/ 77 | | | | | | .1 | .1 | .1 | .2 | .2 | .3 | .3 | .2 | .0 | | | | | 125 | 125 | | | | | | | | | | | | | | | |
| 76/ 75 | | | | | .0 | .0 | .2 | .2 | .2 | .3 | .3 | .5 | .4 | .1 | | | | | 172 | 172 | | | | | | | | | | | | | | | |
| 74/ 73 | | | | | .1 | .4 | .2 | .3 | .3 | .3 | .4 | .4 | .4 | .0 | | | | | 188 | 188 | | | | | | | | | | | | | | | |
| 72/ 71 | | | | .1 | .2 | .3 | .3 | .2 | .4 | .4 | .3 | .5 | .4 | | | | | | 239 | 239 | | | | | | | | | | | | | | | |
| 70/ 69 | | | .1 | .3 | .5 | .2 | .3 | .4 | .5 | .7 | .5 | .5 | .1 | | | | | | 298 | 298 | | | | | | | | | | | | | | | |
| 68/ 67 | | | .1 | .3 | .6 | .5 | .4 | .6 | .5 | .6 | .5 | .3 | .0 | | | | | | 327 | 327 | 11 | | | | | | | | | | | | | | |
| 66/ 65 | | | .2 | .7 | .4 | .5 | .5 | .6 | .6 | .6 | .5 | .1 | | | | | | | 342 | 342 | 66 | | | | | | | | | | | | | | |
| 64/ 63 | | .1 | .4 | .7 | .5 | .4 | .7 | .5 | .6 | .2 | .0 | | | | | | | | 350 | 350 | 163 | | | | | | | | | | | | | | |
| 62/ 61 | .0 | .1 | .4 | .5 | .8 | .6 | .8 | 1.0 | .8 | .5 | .1 | | | | | | | | 439 | 439 | 207 | | | | | | | | | | | | | | |
| 60/ 59 | | .2 | .7 | .7 | .8 | .8 | .6 | 1.0 | .7 | .4 | .1 | | | | | | | | 445 | 445 | 297 | | | | | | | | | | | | | | |
| 58/ 57 | .0 | .3 | .8 | .5 | .8 | 1.0 | .8 | .9 | .5 | .2 | | | | | | | | | 428 | 428 | 324 | | | | | | | | | | | | | | |
| 56/ 55 | .1 | .3 | .9 | .9 | 1.1 | .9 | .6 | .6 | .4 | .1 | | | | | | | | | 427 | 427 | 461 | | | | | | | | | | | | | | |
| 54/ 53 | .1 | .2 | .8 | .8 | 1.0 | 1.0 | .8 | .5 | .2 | .0 | | | | | | | | | 402 | 402 | 500 | | | | | | | | | | | | | | |
| 52/ 51 | .0 | .2 | .9 | .9 | 1.0 | .9 | .8 | .5 | .1 | | | | | | | | | | 389 | 389 | 536 | | | | | | | | | | | | | | |
| 50/ 49 | .0 | .5 | 1.0 | 1.0 | 1.5 | .6 | .6 | .4 | .0 | | | | | | | | | | 411 | 411 | 579 | | | | | | | | | | | | | | |
| 48/ 47 | .0 | .5 | .9 | 1.1 | 1.1 | .6 | .5 | .2 | | | | | | | | | | | 356 | 356 | 647 | | | | | | | | | | | | | | |
| 46/ 45 | .1 | .8 | .9 | 1.1 | .8 | .7 | .3 | .0 | | | | | | | | | | | 347 | 347 | 609 | | | | | | | | | | | | | | |
| 44/ 43 | .0 | .7 | 1.1 | .9 | .6 | .8 | .1 | .7 | | | | | | | | | | | 317 | 317 | 548 | | | | | | | | | | | | | | |
| 42/ 41 | .0 | .5 | 1.3 | .8 | .6 | .4 | .1 | | | | | | | | | | | | 271 | 271 | 542 | | | | | | | | | | | | | | |
| 40/ 39 | | .3 | .7 | .7 | .6 | .0 | .0 | | | | | | | | | | | | 181 | 181 | 461 | | | | | | | | | | | | | | |
| 38/ 37 | | .5 | .6 | .5 | .4 | .0 | .0 | | | | | | | | | | | | 156 | 156 | 363 | | | | | | | | | | | | | | |
| 36/ 35 | | .6 | .4 | .4 | .2 | . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

0477 54321

DYESS AFB TX

STATION NAME

74-83

YEARS

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PAGE 2

ALL

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

7226 65
STATION

DYESS AFB TX

74-83

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PAGE 1 0000-0200

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PSYCHROMETRIC SUMMARY

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PAGE 2 2000-0200

USAFETAC FORM 0-26-3 (OL A; PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE)
(JUN 71)

PSYCHROMETRIC SUMMARY

7226 65
STATION

DYESS AFB TX

74-83

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PSYCHROMETRIC SUMMARY

74-63

402

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USAFETAC FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722565 DYESS AFB TX

74-87

APR

PAGE 1 0600-0800

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|-----|------|------|----------|----------|-----------|--|--|--|------------------------------------|--|--|--|--|--------|-------|--|-------|--|--------|--|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | |
| 74/ 77 | | | | | | | .1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | |
| 76/ 75 | | | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | |
| 74/ 73 | | | .1 | .2 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 5 | | | | | | | | |
| 72/ 71 | | | .3 | 1.0 | .2 | .2 | | | .1 | .1 | | | .2 | | | | | | | | | | | | | | | | | | 20 | 20 | | | | | | | | |
| 70/ 69 | | | 1.7 | 1.4 | .3 | .3 | .1 | | | .1 | .1 | | | | | | | | | | | | | | | | | | | | 37 | 37 | | | | | | | | |
| 68/ 67 | | | 3.3 | 1.9 | .9 | .4 | .2 | | | | | | .2 | | | | | | | | | | | | | | | | | | 66 | 66 | | | | | | | | |
| 66/ 65 | | .6 | 3.7 | 1.4 | .4 | | .6 | .1 | | .3 | .1 | | | | | | | | | | | | | | | | | | | | 67 | 67 | | | | | | | | |
| 64/ 63 | | 1.9 | 1.6 | 1.4 | 1.0 | .1 | .1 | .4 | .6 | .2 | .3 | | | | | | | | | | | | | | | | | | | | 69 | 69 | | | | | | | | |
| 62/ 61 | | 1.8 | 1.6 | 1.0 | .9 | 1.0 | .7 | .3 | .3 | .2 | .2 | | | | | | | | | | | | | | | | | | | | 71 | 71 | | | | | | | | |
| 60/ 59 | .1 | 1.9 | 1.6 | 1.8 | .8 | .9 | .7 | .6 | .2 | .1 | | | | | | | | | | | | | | | | | | | | | 76 | 76 | | | | | | | | |
| 58/ 57 | .2 | 2.0 | 1.7 | 1.7 | 1.2 | 1.0 | .3 | 1.1 | .1 | .2 | | | | | | | | | | | | | | | | | | | | | 79 | 79 | | | | | | | | |
| 56/ 55 | | 1.6 | 1.8 | 1.0 | 1.8 | 1.6 | .8 | .4 | | | | | | | | | | | | | | | | | | | | | | | 80 | 80 | | | | | | | | |
| 54/ 53 | | 1.7 | .4 | 1.4 | 1.1 | 1.2 | .3 | .3 | | | | | | | | | | | | | | | | | | | | | | | 59 | 59 | | | | | | | | |
| 52/ 51 | .1 | 1.1 | .8 | .8 | 1.2 | .7 | .2 | .2 | | | | | | | | | | | | | | | | | | | | | | | 46 | 46 | | | | | | | | |
| 50/ 49 | .2 | .4 | .9 | 1.0 | 1.2 | .4 | .1 | | | | | | | | | | | | | | | | | | | | | | | | 44 | 44 | | | | | | | | |
| 48/ 47 | .3 | .9 | 1.6 | 1.2 | 2.1 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | 59 | 59 | | | | | | | | |
| 46/ 45 | | 1.4 | .1 | .6 | .3 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | 25 | 25 | | | | | | | | |
| 44/ 43 | | .2 | .6 | .9 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | 25 | 25 | | | | | | | | |
| 42/ 41 | | | .7 | 1.2 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | 20 | 20 | | | | | | | | |
| 40/ 39 | | | 1.1 | 1.2 | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | 24 | 24 | | | | | | | | |
| 38/ 37 | | .1 | .3 | .4 | .4 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | 13 | 13 | | | | | | | | |
| 36/ 35 | | | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | | | | | | | | |
| 34/ 33 | | | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 6 | | | | | | | | |
| 32/ 31 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ x' | | | | | Σ x | | | | | Σ | | | | | Σ _A | | | | | No. Obs. | | | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | = 0 F | | | | | = 32 F | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | = 67 F | | | | | = 73 F | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | = 80 F | | | | | = 93 F | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

74-83

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1952

PAGE 2 0600-0800

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USAFETAC FORM 0-26.3 101 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722665 DYESS AFB TX

74-83

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STATION NAME

YEARS

PAGE 1

0900-1100

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|------------------------------------|--|--|--|--|--|-------|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| 92/ 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90/ 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88/ 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86/ 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84/ 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80/ 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78/ 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76/ 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74/ 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ x ² | | | | | Σ x | | | | | Σ | | | | | Σ n | | | | | No. Obs. | | | | | Mean No. of Hours with Temperature | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0 26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

722665
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PAGE 2 0900-1100
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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

74-83

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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USAFETAC FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
(JUN 71)

PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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431

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | |
|--------------|-------------------------------------|-----|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-------|----------|----------|--------|------|--|--|--|--|--|--|--|--|-------|--|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | DB WB | Dry Bulb | Wet Bulb | Dew P. | | | | | | | | | | | | | | |
| 77 / 60 | | | .7 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 201 | | | | | | | | | | | | | |
| 74 / 27 | | | .0 | | | | | | | | | | | | | | | | 2 | 2 | 7 | 249 | | | | | | | | | | | | | |
| 74 / 25 | | | | | | | | | | | | | | | | | | | | | 3 | 109 | | | | | | | | | | | | | |
| 74 / 23 | | | | | | | | | | | | | | | | | | | | | | 90 | | | | | | | | | | | | | |
| 72 / 21 | | | | | | | | | | | | | | | | | | | | | | 115 | | | | | | | | | | | | | |
| 71 / 19 | | | | | | | | | | | | | | | | | | | | | | 112 | | | | | | | | | | | | | |
| 71 / 17 | | | | | | | | | | | | | | | | | | | | | | 69 | | | | | | | | | | | | | |
| 71 / 15 | | | | | | | | | | | | | | | | | | | | | | 65 | | | | | | | | | | | | | |
| 74 / 13 | | | | | | | | | | | | | | | | | | | | | | 19 | | | | | | | | | | | | | |
| 71 / 11 | | | | | | | | | | | | | | | | | | | | | | 19 | | | | | | | | | | | | | |
| 71 / 9 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| TOTAL | .8 | 8.3 | 12.1 | 13.3 | 12.7 | 10.1 | 8.5 | 6.4 | 6.7 | 5.7 | 4.0 | 3.2 | 2.4 | 1.5 | 1.1 | .8 | .5 | | 72.0 | | | 7199 | | | | | | | | | | | | | |

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PSYCHROMETRIC SUMMARY

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FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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PAGE 1 2000-0200

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | | |
|--------------|-------------------------------------|-----|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|-----|--|-----|--|--|--|--|--|--|--|-------|--|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | .1 | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | |
| 83 | | | | | | .1 | .2 | 1.1 | 1.1 | .2 | .2 | | .1 | | .1 | | | 29 | 20 | | | | | | | | | | | | | | | | | | |
| 81 | | | | | .1 | .9 | 2.4 | 2.1 | 1.3 | .2 | .1 | | | .1 | | | | 68 | 68 | | | | | | | | | | | | | | | | | | |
| 79 | | | | .3 | 2.2 | 3.2 | 4.5 | 1.3 | .2 | .3 | .1 | | | | | | | 113 | 113 | | | | | | | | | | | | | | | | | | |
| 77 | | | | 1.7 | 3.5 | 6.7 | 1.8 | .9 | .3 | .1 | | | | | | | | 132 | 132 | | | | | | | | | | | | | | | | | | |
| 75 | | | .2 | 2.3 | 4.9 | 2.3 | 1.2 | .4 | | | | | | | | | | 103 | 103 | | | | | | | | | | | | | | | | | | |
| 73 | | | .7 | 3.6 | 3.3 | 1.6 | .9 | .2 | .1 | .1 | | | | | | | | 93 | 93 | 9 | | | | | | | | | | | | | | | | | |
| 71 | .1 | | 1.2 | 3.6 | 1.7 | 1.3 | .9 | .2 | .3 | | | | | | | | | 83 | 83 | 69 | 6 | | | | | | | | | | | | | | | | |
| 69 | .1 | .6 | 2.2 | 1.6 | 2.0 | 1.0 | .1 | .1 | .1 | | | | | | | | | 74 | 74 | 156 | 29 | | | | | | | | | | | | | | | | |
| 67 | | 1.1 | 2.9 | 2.3 | .9 | .8 | .7 | .2 | | | | | | | | | | 79 | 79 | 202 | 60 | | | | | | | | | | | | | | | | |
| 65 | | .8 | 2.1 | .8 | .7 | .4 | .4 | | | | | | | | | | | 47 | 47 | 150 | 118 | | | | | | | | | | | | | | | | |
| 63 | .1 | 1.6 | .9 | .8 | .4 | .2 | | | | | | | | | | | | 36 | 38 | 103 | 165 | | | | | | | | | | | | | | | | |
| 61 | | .3 | .3 | .6 | .3 | | | | | | | | | | | | | 14 | 14 | 83 | 161 | | | | | | | | | | | | | | | | |
| 59 | | .3 | .7 | .2 | .2 | | | | | | | | | | | | | 13 | 13 | 40 | 112 | | | | | | | | | | | | | | | | |
| 57 | | .1 | .1 | .1 | | | | | | | | | | | | | | 3 | 3 | 34 | 71 | | | | | | | | | | | | | | | | |
| 55 | | | .3 | .3 | | | | | | | | | | | | | | 6 | 6 | 28 | 48 | | | | | | | | | | | | | | | | |
| 53 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 13 | 42 | | | | | | | | | | | | | | | | |
| 51 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 5 | 25 | | | | | | | | | | | | | | | | |
| 49 | | | | | | | | | | | | | | | | | | | | 6 | 17 | | | | | | | | | | | | | | | | |
| 47 | | | | | | | | | | | | | | | | | | | | | 19 | | | | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | | | | | | | | | 13 | | | | | | | | | | | | | | | | |
| 41 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | |
| 39 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| 37 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | |
| 35 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| TOTAL | .3 | 4.8 | 11.9 | 18.3 | 27.2 | 18.6 | 12.9 | 7.9 | 3.7 | 1.0 | .4 | | .1 | .1 | .1 | .1 | | 898 | 920 | 898 | 898 | | | | | | | | | | | | | | | | |
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947, 948, 949

PAGE 2 1200-1400
HOURS L. S. T.

JUN
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1200-1400
HOURS U.S.T.

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

7226 65

DYESS AFB TX

73-82

JUN

STATION

STATION NAME

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MONDAY

PAGE 7

1500-1700

HOURS 10, 5, 7, 1

722665 JYESS AFB TX

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73-62

JUN
1964

PAGE 1

ALL

— 252 —

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 110/109 | | | | | | | | | | | | | | | | | | .0 | 1 | 1 | | | | | | | | | | | | | | | |
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| 94/93 | | | | | | | | | | | | | | | | | | .0 | 284 | 284 | | | | | | | | | | | | | | | |
| 92/91 | | | | | | | | | | | | | | | | | | .0 | 365 | 365 | | | | | | | | | | | | | | | |
| 90/89 | | | | | | | | | | | | | | | | | | .0 | 377 | 377 | | | | | | | | | | | | | | | |
| 88/87 | | | | | | | | | | | | | | | | | | .0 | 371 | 371 | | | | | | | | | | | | | | | |
| 86/85 | | | | | | | | | | | | | | | | | | .0 | 421 | 421 | | | | | | | | | | | | | | | |
| 84/83 | | | | | | | | | | | | | | | | | | .0 | 453 | 453 | | | | | | | | | | | | | | | |
| 82/81 | | | | | | | | | | | | | | | | | | .0 | 507 | 507 | | | | | | | | | | | | | | | |
| 80/79 | | | | | | | | | | | | | | | | | | .0 | 580 | 580 | | | | | | | | | | | | | | | |
| 78/77 | | | | | | | | | | | | | | | | | | .0 | 578 | 578 | 56 | | | | | | | | | | | | | | |
| 76/75 | | | | | | | | | | | | | | | | | | .0 | 658 | 658 | 259 | | | | | | | | | | | | | | |
| 74/73 | | | | | | | | | | | | | | | | | | .0 | 536 | 536 | 672 | | | | | | | | | | | | | | |
| 72/71 | | | | | | | | | | | | | | | | | | .0 | 426 | 426 | 1235 | | | | | | | | | | | | | | |
| 70/69 | | | | | | | | | | | | | | | | | | .0 | 397 | 397 | 1275 | | | | | | | | | | | | | | |
| 68/67 | | | | | | | | | | | | | | | | | | .0 | 300 | 300 | 1229 | | | | | | | | | | | | | | |
| 66/65 | | | | | | | | | | | | | | | | | | .0 | 203 | 203 | 659 | | | | | | | | | | | | | | |
| 64/63 | | | | | | | | | | | | | | | | | | .0 | 141 | 141 | 618 | | | | | | | | | | | | | | |
| 62/61 | | | | | | | | | | | | | | | | | | .0 | 79 | 79 | 425 | | | | | | | | | | | | | | |
| 60/59 | | | | | | | | | | | | | | | | | | .0 | 46 | 46 | 247 | | | | | | | | | | | | | | |
| 58/57 | | | | | | | | | | | | | | | | | | .0 | 45 | 45 | 147 | | | | | | | | | | | | | | |
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| 48/47 | | | | | | | | | | | | | | | | | | .0 | | | 6 | | | | | | | | | | | | | | |
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| Element (X) | Σx^2 | | | | Σx | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702665 DYERS AFB TX

73-80

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STATION

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PAGE 1 0000-0000

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|----|----|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31-32 | DB | WB | DB | WB | Dew P. | Wet B. | Dew P. | Wet B. | Dew P. | Wet B. | Dew P. | Wet B. | Dew P. | Wet B. | Dew P. | Wet B. | Dew P. | | | |
| 92/ 91 | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | |
| 91/ 89 | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | |
| 90/ 87 | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | |
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| 88/ 83 | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | |
| 87/ 81 | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | |
| 86/ 79 | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | |
| 85/ 77 | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | |
| 84/ 75 | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | |
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| 79/ 65 | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | |
| 78/ 63 | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | |
| 77/ 61 | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | |
| 76/ 59 | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | |
| 75/ 57 | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | |
| 74/ 55 | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | |
| 73/ 53 | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | |
| 72/ 51 | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | |
| 71/ 49 | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | |
| 70/ 47 | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | |
| 69/ 45 | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | Σx^2 | Σx | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | Total |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|------|------|------|-------|-------|
| Rel. Hum. | 5577599 | 56714 | 67.7 | 14.809 | 930 | 60 F | 70 F | 80 F | 90 F | 100 F | |
| Dry Bulb | 5623964 | 72188 | 77.6 | 4.700 | 930 | | | | | | |
| Wet Bulb | 4255979 | 52939 | 67.5 | 2.725 | 930 | | | | | | |
| Dew Point | 7590359 | 57655 | 62.0 | 4.158 | 930 | | | | | | |

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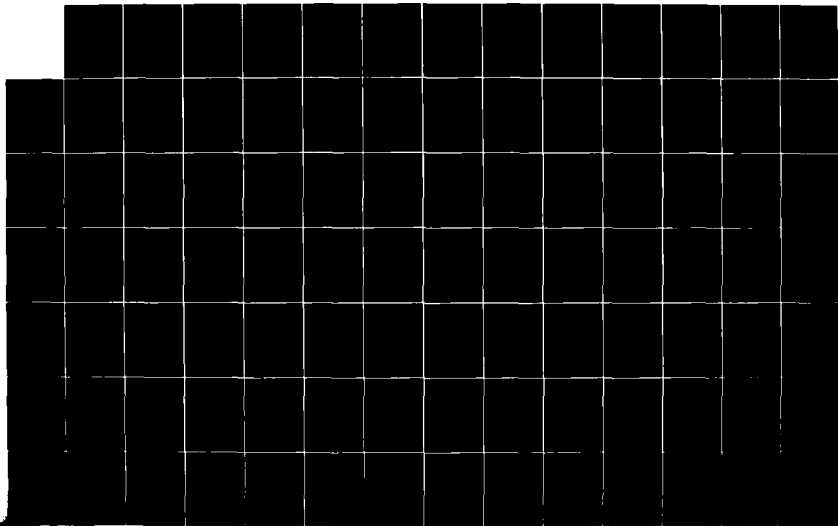
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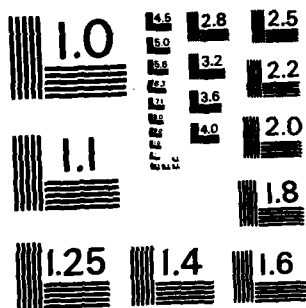
DYESS AFB TEXAS REVISED UNIFORM SUMMARY OF SURFACE
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MICROCOPY RESOLUTION TEST CHART
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PSYCHROMETRIC SUMMARY

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HOURS (L. S. T.)

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PSYCHROMETRIC SUMMARY

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HOURS (L. S. T.)

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PSYCHROMETRIC SUMMARY

7226 65

DYESS AFB TX

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PAGE 1

0900-1100

HOURS (L, S, T)

PSYCHROMETRIC SUMMARY

JUL
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

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MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

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PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

7226 65

DYESS AFB TX

73-82

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STATION

STATION NAME

YEARS

MONIN

PAGE 1

1500-1700

1500-170
HOURS (L, S, T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|--------------|-------------------------------------|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 108/ 107 | | | | | | | | | | | | | | | | | .2 | 2 | 2 | | | | | |
| 106/ 105 | | | | | | | | | | | | | | | | | .1 | 11 | 11 | | | | | |
| 104/ 103 | | | | | | | | | | | | | | | | | .2 | 21 | 21 | | | | | |
| 102/ 101 | | | | | | | | | | | | | | | | | .6 | 53 | 53 | | | | | |
| 100/ 99 | | | | | | | | | | | | | | | | | 1.7 | 78 | 78 | | | | | |
| 98/ 97 | | | | | | | | | | | | .6 | 4.3 | 4.7 | 3.1 | 1.1 | .9 | 124 | 124 | | | | | |
| 96/ 95 | | | | | | | | | | .2 | .2 | 3.9 | 5.9 | 3.8 | 2.5 | .5 | | 158 | 158 | | | | | |
| 94/ 93 | | | | | | | | | | .3 | 5.1 | 6.8 | 1.4 | .6 | .3 | | | 135 | 135 | | | | | |
| 92/ 91 | | | | | | | | | | 3.2 | 3.4 | 1.0 | .1 | .2 | | | | 74 | 74 | | | | | |
| 90/ 89 | | | | | | | | | | 2.7 | 2.2 | 1.3 | .1 | | | | | 73 | 73 | | | | | |
| 88/ 87 | | | | | | | | .1 | .4 | 1.3 | 1.5 | .4 | .2 | | | | | 37 | 37 | | | | | |
| 86/ 85 | | | | | | .2 | .5 | .6 | 1.2 | .3 | .5 | | | | | | | 32 | 32 | | | | | |
| 84/ 83 | | | | | .1 | .2 | .6 | .8 | | .1 | | | | | | | | 19 | 19 | | | | | |
| 82/ 81 | | | | .1 | .2 | .6 | .6 | .3 | .1 | | | | | | | | | 19 | 19 | | | | | |
| 80/ 79 | | | | | | 1.0 | .8 | | | | | | | | | | | 21 | 21 | | | | | |
| 78/ 77 | | | .2 | .6 | .5 | .5 | | | | | | | | | | | | 18 | 18 | 3 | | | | |
| 76/ 75 | | | .5 | .6 | .8 | .2 | | | | | | | | | | | | 20 | 20 | 59 | | | | |
| 74/ 73 | | .1 | .9 | .1 | .1 | .1 | | | | | | | | | | | | 14 | 14 | 290 | 2 | | | |
| 72/ 71 | | .1 | .6 | .5 | | | | | | | | | | | | | | 12 | 12 | 329 | 5 | | | |
| 70/ 69 | | .1 | .4 | .1 | | | | | | | | | | | | | | 6 | 6 | 152 | 27 | | | |
| 68/ 67 | | | .1 | | | | | | | | | | | | | | | 3 | 3 | 72 | 68 | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 21 | 121 | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 174 | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 152 | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 135 | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 97 | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 56 | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 40 | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 18 | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 21 | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 6 | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 5 | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Element (X) | ΣX^2 | ΣX | Σ | Σ | Σ | Σ | Σ | Σ | Σ | Σ | Σ | Σ | Σ | Σ | Σ | Σ | Σ | Mean No. of Hours with Temperature | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | $\leq 0 F$ | $\leq 32 F$ | $\geq 67 F$ | $\geq 73 F$ | $\geq 80 F$ | $\geq 93 F$ | Total |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
FORM JUN 71

PSYCHROMETRIC SUMMARY

722665
STATION

DYESS AFB TX

73-82

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PAGE 2 1000-2000

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722665 STATION DYESS AFB TX STATION NAME 73-82 YEARS JUL MONTH
PAGE 1 2100-2300 HOURS (L. S. T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | TOTAL
D.B.-W.B. | TOTAL | | | |
|--------------|-------------------------------------|-----|-------|-----|------|------|-------|-------|-------|-------|-------|-------|--------|-------|--------|--------------------|----------|----------|-----------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | | Dry Bulb | Wet Bulb | Dew Point | |
| 98/ 97 | | | | | | | | | | | | | | | .1 | 1 | 1 | | | |
| 96/ 95 | | | | | | | | | | | | | | | .1 | 1 | 1 | | | |
| 94/ 93 | | | | | | | | | | | | | .2 | | | 2 | 2 | | | |
| 92/ 91 | | | | | | | | | | .1 | .1 | 1.0 | .3 | .2 | | 16 | 16 | | | |
| 90/ 89 | | | | | | | | | | .6 | .8 | 1.8 | .3 | | | 33 | 33 | | | |
| 88/ 87 | | | | | | | | | .8 | 2.9 | 2.8 | .9 | .2 | .1 | | 71 | 71 | | | |
| 86/ 85 | | | | | | | | 1.4 | 5.3 | 2.9 | 2.7 | .9 | .1 | | | 123 | 123 | | | |
| 84/ 83 | | | | | | .4 | 1.6 | 6.0 | 4.0 | 2.5 | 1.0 | .3 | | | | 147 | 147 | | | |
| 82/ 81 | | | | | | 1.2 | 4.9 | 4.2 | 2.5 | 1.4 | .4 | .3 | .1 | | | 140 | 140 | | | |
| 80/ 79 | | | | .1 | 1.2 | 3.1 | 4.9 | 2.7 | .5 | .5 | .2 | | | | | 124 | 124 | | | |
| 78/ 77 | | | .2 | .9 | 1.8 | 2.9 | 1.0 | 1.1 | .1 | | .1 | | | | | 75 | 75 | | | |
| 76/ 75 | | | .5 | 1.7 | 2.2 | 1.2 | .2 | .1 | .1 | | | | | | | 56 | 56 | | | |
| 74/ 73 | | | 1.5 | 3.5 | 1.8 | .1 | | .1 | | | | | | | | 66 | 66 | 13 | | |
| 72/ 71 | | .6 | 3.0 | 1.0 | .2 | | .1 | | | | | | | | | 46 | 46 | 126 | 4 | |
| 70/ 69 | | .3 | 2.6 | | | | | | | | | | | | | 27 | 27 | 332 | 28 | |
| 68/ 67 | | .1 | .1 | | | | | | | | | | | | | 2 | 2 | 283 | 90 | |
| 66/ 65 | | | | | | | | | | | | | | | | | | 114 | 145 | |
| 64/ 63 | | | | | | | | | | | | | | | | | | 45 | 135 | |
| 62/ 61 | | | | | | | | | | | | | | | | | | 12 | 166 | |
| 60/ 59 | | | | | | | | | | | | | | | | | | 3 | 132 | |
| 58/ 57 | | | | | | | | | | | | | | | | | | 2 | 79 | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | 55 | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | 39 | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | 33 | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | 11 | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | 5 | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | 4 | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | 2 | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | 1 | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | 1 | |
| TOTAL | | 1.1 | 8.0 | 7.2 | 7.2 | 8.9 | 12.8 | 15.6 | 13.2 | 11.0 | 8.1 | 5.2 | 1.3 | .4 | .1 | 930 | 930 | 930 | 930 | |
| | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | |
| Rel. Hum. | 2874471 | | 49541 | | 53.3 | | 5.919 | | 930 | | Σ 0 F | | Σ 32 F | | Σ 67 F | | Σ 73 F | | Σ 80 F | |
| Dry Bulb | 6121572 | | 75294 | | 81.0 | | 5.257 | | 930 | | | | | | 93.0 | | 85.5 | | 61.6 | |
| Wet Bulb | 4339385 | | 63489 | | 68.3 | | 2.351 | | 930 | | | | | | 75.4 | | 1.3 | | | |
| Dew Point | 3510670 | | 56954 | | 61.2 | | 4.923 | | 930 | | | | | | 12.2 | | | | | |

PSYCHROMETRIC SUMMARY

73-82

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PAGE 1

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HOURS 12, S. T.

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PSYCHROMETRIC SUMMARY

73-82

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USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
(11 IN 71)

PSYCHROMETRIC SUMMARY

7226 65
STATION

DYESS AFB TX

73-82

AUG

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

AUG

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-82

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STATION

STATION NAME

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FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

7226 65
STATION

DYESS AFB TX

73-82

AUG

PAGE 1

1200-1400

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PSYCHROMETRIC SUMMARY

73-82

4118

PAGE 1 1500-1700
HOURS (L. S. T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 106/ 105 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | | | | |
| 104/ 103 | | | | | | | | | | | | | | | | | .4 | 19 | 19 | | | | | |
| 102/ 101 | | | | | | | | | | | | | .6 | .9 | 1.5 | 1.3 | .8 | 47 | 47 | | | | | |
| 100/ 99 | | | | | | | | | | | | .1 | .4 | 3.4 | 3.4 | .9 | .9 | 85 | 85 | | | | | |
| 98/ 97 | | | | | | | | | | | .2 | 1.6 | 1.9 | 2.6 | 2.8 | .5 | .2 | 92 | 92 | | | | | |
| 96/ 95 | | | | | | | | | | .2 | .8 | 3.1 | 4.2 | 2.6 | .4 | .3 | | 108 | 109 | | | | | |
| 94/ 93 | | | | | | | | | | .6 | 4.3 | 6.0 | 4.0 | 1.5 | .4 | | | 157 | 157 | | | | | |
| 92/ 91 | | | | | | | | .1 | .1 | 2.6 | 4.3 | 2.4 | 1.9 | .5 | .2 | | | 113 | 113 | | | | | |
| 90/ 89 | | | | | | | .1 | .4 | 1.0 | 2.7 | 1.9 | 1.7 | .9 | | | | | 81 | 81 | | | | | |
| 88/ 87 | | | | | | | .4 | 1.7 | 1.9 | 2.7 | 1.6 | .4 | | | | | | 77 | 77 | | | | | |
| 86/ 85 | | | | | .1 | | .5 | .8 | 1.2 | .5 | .8 | | | | | | | 36 | 36 | | | | | |
| 84/ 83 | | | | | | .4 | .5 | .3 | .4 | .9 | | | | | | | | 26 | 26 | | | | | |
| 82/ 81 | | | | | .1 | .3 | .8 | .3 | .2 | | | | | | | | | 16 | 16 | | | | | |
| 80/ 79 | | | | | .5 | .6 | .2 | | | | | | | | | | | 13 | 13 | | | | | |
| 78/ 77 | | | .1 | .3 | .6 | .2 | .3 | .1 | | | | | | | | | | 14 | 14 | 20 | | | | |
| 76/ 75 | | | .2 | .6 | .5 | .2 | .1 | | | | | | | | | | | 16 | 16 | 76 | 1 | | | |
| 74/ 73 | | .1 | .2 | .4 | | | | | | | | | | | | | | 7 | 7 | 241 | 2 | | | |
| 72/ 71 | | .4 | .2 | .3 | | | | | | | | | | | | | | 9 | 9 | 277 | 10 | | | |
| 70/ 69 | | .4 | .3 | | | | | | | | | | | | | | | 7 | 7 | 182 | 28 | | | |
| 68/ 67 | | .3 | .2 | | | | | | | | | | | | | | | 5 | 5 | 91 | 76 | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 41 | 114 | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 1 | 150 | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 122 | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 152 | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 113 | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 86 | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 32 | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 15 | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 13 | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 12 | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| TOTAL | | 1.3 | 1.3 | 1.7 | 1.9 | 1.8 | 2.9 | 3.8 | 4.4 | 10.2 | 13.9 | 15.4 | 14.0 | 11.6 | 8.9 | 4.4 | 2.4 | | 930 | | 929 | | | |
| | | | | | | | | | | | | | | | | | | 929 | | 929 | | | | |
| Element (X) | $\$ | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

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PSYCHROMETRIC SUMMARY

PAGE 1 2100-2300
HOURS (L. S. T.)

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PSYCHROMETRIC SUMMARY

7226 65
STATION

DYESS AFB TX

73-82

AUG
MONTH

PAGE 1

ALL
HOURS (11-5-7)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | O.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 106/ 105 | | | | | | | | | | | | | | | | | .0 | 1 | 1 | | | | | | | | | | | | | | | | |
| 104/ 103 | | | | | | | | | | | | | | | | | .1 | 25 | 25 | | | | | | | | | | | | | | | | |
| 102/ 101 | | | | | | | | | | | | | .1 | .1 | .3 | .2 | .1 | 66 | 66 | | | | | | | | | | | | | | | | |
| 100/ 99 | | | | | | | | | | | | .1 | .1 | .7 | .7 | .3 | .2 | 154 | 154 | | | | | | | | | | | | | | | | |
| 98/ 97 | | | | | | | | | | | .1 | .4 | .6 | .7 | .7 | .2 | .1 | 201 | 201 | | | | | | | | | | | | | | | | |
| 96/ 95 | | | | | | | | | | .1 | .3 | 1.0 | 1.2 | .9 | .2 | .1 | | 282 | 283 | | | | | | | | | | | | | | | | |
| 94/ 93 | | | | | | | | | .0 | .1 | 1.5 | 1.6 | 1.2 | .4 | .1 | .0 | | 381 | 381 | | | | | | | | | | | | | | | | |
| 92/ 91 | | | | | | | | .0 | .2 | 1.3 | 2.0 | 1.3 | .6 | .2 | .1 | | | 424 | 424 | | | | | | | | | | | | | | | | |
| 90/ 89 | | | | | | | .0 | .1 | 1.2 | 1.6 | 1.6 | .9 | .3 | .0 | | | | 447 | 447 | | | | | | | | | | | | | | | | |
| 88/ 87 | | | | | | .2 | 1.4 | 1.3 | 2.0 | 1.1 | .4 | .0 | .0 | .0 | | | | 470 | 470 | | | | | | | | | | | | | | | | |
| 86/ 85 | | | | .0 | .1 | 1.0 | 1.5 | 1.6 | 1.1 | .8 | .1 | .1 | .0 | | | | | 484 | 484 | | | | | | | | | | | | | | | | |
| 84/ 83 | | | | .1 | .7 | 1.1 | 2.3 | 1.2 | 1.0 | .2 | .0 | | .1 | .0 | | | | 498 | 498 | | | | | | | | | | | | | | | | |
| 82/ 81 | | | .1 | .4 | 1.4 | 2.3 | 2.3 | 1.1 | .4 | .0 | .0 | | | | | | | 577 | 577 | | | | | | | | | | | | | | | | |
| 80/ 79 | | .0 | .3 | 1.3 | 2.4 | 2.5 | 1.2 | .6 | .1 | .0 | .0 | | | | | | | 627 | 627 | | | | | | | | | | | | | | | | |
| 78/ 77 | | .2 | .6 | 2.3 | 3.3 | 1.2 | .8 | .2 | .1 | | | | | | | | | 646 | 646 | 52 | | | | | | | | | | | | | | | |
| 76/ 75 | .1 | .7 | 1.5 | 3.5 | 1.2 | .9 | .4 | .1 | .0 | .0 | | | | | | | | 623 | 623 | 265 | 1 | | | | | | | | | | | | | | |
| 74/ 73 | .0 | .2 | 1.0 | 2.5 | 1.6 | .8 | .3 | .2 | .0 | | | | | | | | | 514 | 514 | 962 | 15 | | | | | | | | | | | | | | |
| 72/ 71 | .1 | .8 | 1.2 | 2.3 | .6 | .4 | .1 | .1 | | | | | | | | | | 424 | 425 | 1403 | 125 | | | | | | | | | | | | | | |
| 70/ 69 | .1 | 1.0 | 1.5 | .7 | .8 | .2 | .1 | | | | | | | | | | | 309 | 309 | 1696 | 378 | | | | | | | | | | | | | | |
| 68/ 67 | .1 | .6 | .7 | .4 | .2 | .0 | | | | | | | | | | | | 153 | 153 | 1506 | 841 | | | | | | | | | | | | | | |
| 66/ 65 | | .1 | .6 | .1 | .1 | .0 | | | | | | | | | | | | 79 | 79 | 847 | 1152 | | | | | | | | | | | | | | |
| 64/ 63 | | .1 | .2 | .1 | .0 | | | | | | | | | | | | | 30 | 30 | 382 | 1347 | | | | | | | | | | | | | | |
| 62/ 61 | | .1 | .1 | .1 | | | | | | | | | | | | | | 15 | 15 | 201 | 1149 | | | | | | | | | | | | | | |
| 60/ 59 | | .0 | .1 | | | | | | | | | | | | | | | 6 | 6 | 71 | 860 | | | | | | | | | | | | | | |
| 58/ 57 | | | .0 | | | | | | | | | | | | | | | 2 | 2 | 45 | 654 | | | | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 8 | 426 | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 245 | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 126 | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 63 | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 36 | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 13 | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

73-82

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L, S, T.)

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USAFETAC **FORM 0-26-3 (OL A)** **PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE**
JUN 71

PSYCHROMETRIC SUMMARY

7226 65
STATION

DYESS AFB TX

73-82

SEP
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

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USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 75

73-82

YEARS

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PAGE 1 1200-1400
HOURS U. S. ?

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STATION

JYESS AFB TX

73-82

SEP
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

| | |
|---------|--------------|
| 722665 | DYESS AFB TX |
| STATION | STATION NAME |

73-82

YEARS

SEP
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

HOURS (L.S.T.)

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PSYCHROMETRIC SUMMARY

YEARS

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HOURS 12. 5. 7.1

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PSYCHROMETRIC SUMMARY

SEP
MONTH

PAGE 1 1800-2000

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PSYCHROMETRIC SUMMARY

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SEP
MONTH

PAGE 2 1800-2000
HOURS: 1800-2000

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722665
STATION

DYESS AFB TX
STATION NAME

73-87
YEARS

SEP
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B. W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-------|------|------|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-----|----------|----------|-----------|-------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 92/ 91 | | | | | | | | | | | | | .1 | | | | | 1 | | 1 | | | | | |
| 90/ 89 | | | | | | | | | | | | .2 | | | | | | 3 | | 3 | | | | | |
| 88/ 87 | | | | | | | | .1 | .2 | .4 | .6 | | .1 | | | | | 13 | | 13 | | | | | |
| 86/ 85 | | | | | | | .1 | .2 | .3 | .4 | .6 | .4 | | | | | | 26 | | 26 | | | | | |
| 84/ 83 | | | | | | | .1 | .6 | 1.6 | 1.3 | 1.6 | .4 | | .2 | | | | 52 | | 52 | | | | | |
| 82/ 81 | | | | | .1 | .4 | 1.6 | 2.2 | 1.3 | .4 | .3 | | .1 | | | | | 61 | | 61 | | | | | |
| 80/ 79 | | | | .3 | 2.1 | 2.7 | 1.6 | .9 | .3 | .4 | .2 | .1 | | | | | | 78 | | 78 | | | | | |
| 78/ 77 | | | .2 | 1.6 | 3.0 | 3.6 | .8 | 1.8 | .8 | .1 | .2 | | | | | | | 104 | | 104 | | | | | |
| 76/ 75 | | | .3 | .8 | 1.4 | 1.6 | 1.3 | 1.3 | .7 | .6 | .2 | | | | | | | 76 | | 76 | 2 | | | | |
| 74/ 73 | | | .9 | 2.2 | 2.3 | 1.6 | .7 | .3 | .2 | .2 | .3 | | | | | | | 81 | | 81 | 5 | | | | |
| 72/ 71 | .1 | .4 | 1.3 | 1.8 | 1.1 | 1.0 | .7 | .3 | .7 | .2 | .1 | | | | | | | 70 | | 70 | 43 | | | | |
| 70/ 69 | .3 | .4 | 2.6 | .7 | 2.0 | .4 | .2 | .4 | .2 | .1 | | | | | | | | 67 | | 67 | 132 | | | | |
| 68/ 67 | 1.0 | .8 | 2.0 | 1.0 | .6 | .4 | 1.1 | | .1 | | | | | | | | | 63 | | 63 | 160 | | | | |
| 66/ 65 | .3 | .6 | 1.8 | 1.3 | .6 | 1.0 | .7 | | .3 | | | | | | | | | 57 | | 57 | 129 | | | | |
| 64/ 63 | | .4 | .6 | .9 | 1.3 | .8 | .1 | | .2 | | | | | | | | | 39 | | 39 | 105 | | | | |
| 62/ 61 | | .6 | .2 | 1.6 | .3 | .6 | .2 | | .2 | | | | | | | | | 31 | | 31 | 68 | | | | |
| 60/ 59 | | .6 | .8 | .4 | .2 | .1 | .2 | | | | | | | | | | | 21 | | 21 | 54 | | | | |
| 58/ 57 | | .4 | .4 | 1.0 | .2 | | | | | | | | | | | | | 19 | | 19 | 42 | | | | |
| 56/ 55 | | .3 | .3 | .2 | | | | | | | | | | | | | | 8 | | 8 | 74 | | | | |
| 54/ 53 | | 1.2 | .2 | | | | | | | | | | | | | | | 13 | | 13 | 31 | | | | |
| 52/ 51 | .1 | .8 | .3 | | | | | | | | | | | | | | | 11 | | 11 | 30 | | | | |
| 50/ 49 | .3 | .2 | .1 | | | | | | | | | | | | | | | 6 | | 6 | 22 | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 2.2 | 6.8 | 11.9 | 11.9 | 12.3 | 13.7 | 14.0 | 9.6 | 7.8 | 5.4 | 3.2 | .6 | .6 | .1 | | | | 900 | | 900 | 900 | | | | |
| Element (X) | Σx ¹ | | Σx | | Σ | | Σ _n | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | Total | | | | |
| Rel. Hum. | 3666980 | | 55230 | | 61.4 | | 17.575 | | 900 | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | | | | | | | | | |
| Dry Bulb | 4812233 | | 65387 | | 72.7 | | 8.286 | | 900 | | | | 69.5 | 49.5 | 19.7 | | | | 90 | | | | | | |
| Wet Bulb | 3641570 | | 57004 | | 63.3 | | 5.878 | | 900 | | | | 34.2 | .7 | | | | | 90 | | | | | | |
| Dew Point | 3019095 | | 51689 | | 57.4 | | 7.493 | | 900 | | | | .1 | 7.5 | | | | | 90 | | | | | | |

PSYCHROMETRIC SUMMARY

7226 65

DYESS AFB TX

73-82

SEP

STATION

STATION NAME

YEARS

SE 1
1401

PAGE 1

ALI

HOURS L. S. T.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B. W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|----------|----------|-----------|--------|--|-------|--|--|--|--|--|--|--|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 104/ 105 | | | | | | | | | | | | | | | | | | .0 | 2 | 2 | | | | | | | | | | | | | | |
| 104/ 103 | | | | | | | | | | | | | | | | | | .1 | 8 | 8 | | | | | | | | | | | | | | |
| 102/ 101 | | | | | | | | | | | | | | | | | .0 | .1 | 16 | 16 | | | | | | | | | | | | | | |
| 100/ 99 | | | | | | | | | | | | | | .1 | .1 | .2 | .1 | .0 | 36 | 36 | | | | | | | | | | | | | | |
| 98/ 97 | | | | | | | | | | | | .1 | .2 | .3 | .2 | .0 | .2 | .76 | 76 | 76 | | | | | | | | | | | | | | |
| 96/ 95 | | | | | | | | | | .1 | .1 | .4 | .5 | .4 | .1 | .1 | .2 | 139 | 139 | | | | | | | | | | | | | | | |
| 94/ 93 | | | | | | | | | | .2 | .5 | .6 | .5 | .4 | .2 | .1 | .1 | 180 | 180 | | | | | | | | | | | | | | | |
| 92/ 91 | | | | | | | | .7 | .1 | .4 | .9 | .5 | .4 | .2 | .1 | .1 | | 202 | 202 | | | | | | | | | | | | | | | |
| 90/ 89 | | | | | | | .2 | .6 | .9 | .9 | .5 | .2 | .3 | .0 | .0 | | | 270 | 270 | | | | | | | | | | | | | | | |
| 88/ 87 | | | | | | .1 | .6 | .8 | 1.3 | .6 | .3 | .2 | .2 | .0 | .0 | | | 291 | 291 | | | | | | | | | | | | | | | |
| 86/ 85 | | | | | | .2 | .5 | .7 | 1.3 | 1.0 | .5 | .3 | .1 | .1 | .0 | | | 337 | 337 | | | | | | | | | | | | | | | |
| 84/ 83 | | | | | .1 | .4 | .9 | 1.4 | .9 | .5 | .4 | .2 | .2 | .1 | .0 | | | 357 | 357 | | | | | | | | | | | | | | | |
| 82/ 81 | | | .0 | .3 | .6 | 1.1 | 1.2 | .9 | .5 | .3 | .1 | .0 | .0 | | | | | 361 | 361 | | | | | | | | | | | | | | | |
| 80/ 79 | | .1 | .7 | 1.6 | 1.4 | 1.2 | .4 | .4 | .3 | .2 | .1 | | | | | | | 451 | 451 | | | | | | | | | | | | | | | |
| 78/ 77 | | | .0 | .4 | 1.6 | 1.9 | 1.2 | .7 | .5 | .4 | .3 | .2 | .1 | | | | | 508 | 508 | 5 | | | | | | | | | | | | | | |
| 76/ 75 | | | .4 | 1.2 | 2.2 | 1.0 | .8 | .4 | .5 | .3 | .2 | .0 | | | | | | 509 | 509 | 113 | | | | | | | | | | | | | | |
| 74/ 73 | | .1 | 1.0 | 1.7 | 1.3 | 1.0 | .4 | .5 | .4 | .2 | .1 | | | | | | | 486 | 486 | 358 | | | | | | | | | | | | | | |
| 72/ 71 | .1 | .3 | 1.6 | 1.8 | .9 | .8 | .4 | .6 | .3 | .1 | .0 | | | | | | | 500 | 500 | 771 | | | | | | | | | | | | | | |
| 70/ 69 | .1 | .7 | 2.4 | 1.3 | 1.1 | .3 | .5 | .4 | .2 | .0 | | | | | | | | 508 | 508 | 1036 | | | | | | | | | | | | | | |
| 68/ 67 | .6 | .7 | 2.1 | .6 | .6 | .4 | .5 | .3 | .1 | .0 | | | | | | | | 423 | 423 | 1061 | | | | | | | | | | | | | | |
| 66/ 65 | .6 | .7 | 1.6 | .9 | .6 | .5 | .6 | .0 | .1 | | | | | | | | | 405 | 405 | 889 | | | | | | | | | | | | | | |
| 64/ 63 | .1 | .8 | .7 | .7 | .5 | .4 | .2 | .7 | .0 | | | | | | | | | 243 | 243 | 687 | | | | | | | | | | | | | | |
| 62/ 61 | .1 | .6 | .6 | .8 | .5 | .2 | .1 | .7 | | | | | | | | | | 209 | 209 | 505 | | | | | | | | | | | | | | |
| 60/ 59 | | .5 | .8 | .6 | .4 | .1 | .0 | | | | | | | | | | | 181 | 181 | 380 | | | | | | | | | | | | | | |
| 58/ 57 | | .5 | .8 | .6 | .2 | .1 | .0 | | | | | | | | | | | 157 | 157 | 377 | | | | | | | | | | | | | | |
| 56/ 55 | | .5 | .5 | .4 | .1 | .0 | | | | | | | | | | | | 104 | 104 | 358 | | | | | | | | | | | | | | |
| 54/ 53 | | .7 | .3 | .1 | .0 | .0 | | | | | | | | | | | | 85 | 85 | 242 | | | | | | | | | | | | | | |
| 52/ 51 | .2 | .5 | .3 | .0 | .0 | .0 | | | | | | | | | | | | 73 | 73 | 199 | | | | | | | | | | | | | | |
| 50/ 49 | .2 | .5 | .1 | .0 | .0 | | | | | | | | | | | | | 60 | 60 | 130 | | | | | | | | | | | | | | |
| 48/ 47 | .1 | .1 | | .0 | | | | | | | | | | | | | | 13 | 13 | 60 | | | | | | | | | | | | | | |
| 46/ 45 | | .1 | | | | | | | | | | | | | | | | 8 | 8 | 14 | | | | | | | | | | | | | | |
| 44/ 43 | | .0 | | | | | | | | | | | | | | | | 2 | 2 | 14 | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 99 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | 69 | | | | | | | | | | | | | | |
| Element (X) | Σ X ² | | Σ X | | Σ | | Σ _A | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

SEP
MONTH

ALL

[illegible]

9477 94321

OCT
MONTH

YEARS

HOURS IN S. T.

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

7226 65
STATION

DYESS AFB TX

73-62

Q C T
MONTH

PAGE 2 0000-0200

HOUS S. S. *

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722665 DYESS AFB TX 73-82 OCT
STATION STATION NAME YEARS MONTH
PAGE 1 0300-0500
HOURS S. T.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|------|------|----------|----------|-----------|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 82/ 81 | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | |
| 80/ 79 | | | | | | | | | | | .1 | | .1 | | | | | | | | 2 | 2 | | |
| 78/ 77 | | | | | | .1 | | | | .1 | .1 | | | | | | | | | | 3 | 3 | | |
| 76/ 75 | | | | | .6 | | | | .1 | .1 | .1 | | | | | | | | | | 9 | 9 | | |
| 74/ 73 | | .1 | .3 | 1.0 | 1.0 | .1 | | .1 | .2 | .2 | | | | | | | | | | | 28 | 28 | | |
| 72/ 71 | | .1 | 1.4 | 1.0 | 1.1 | .3 | .2 | .1 | .2 | .2 | | | | | | | | | | | 41 | 41 | 1 | |
| 70/ 69 | .1 | .5 | 1.0 | 1.0 | .9 | .4 | .2 | .1 | .3 | .2 | | | | | | | | | | | 44 | 44 | 8 | |
| 68/ 67 | .6 | .4 | 1.5 | 1.2 | 1.4 | 1.0 | .5 | | | | | | | | | | | | | | 62 | 62 | 48 | |
| 66/ 65 | .3 | .3 | 2.8 | 1.3 | 1.0 | .5 | 1.0 | .4 | | .1 | | | | | | | | | | | 72 | 72 | 31 | |
| 64/ 63 | .4 | 1.5 | 1.1 | 1.6 | 1.5 | .9 | .4 | .1 | .1 | | | | | | | | | | | | 71 | 71 | 43 | |
| 62/ 61 | .1 | .4 | 1.3 | 1.6 | 2.3 | .4 | .4 | .1 | | | | | | | | | | | | | 62 | 62 | 67 | |
| 60/ 59 | | 2.8 | 1.6 | 1.7 | 1.3 | .2 | .8 | .1 | | | | | | | | | | | | | 79 | 79 | 71 | |
| 58/ 57 | | 1.2 | 1.0 | 1.4 | 1.0 | .6 | .2 | .1 | | | | | | | | | | | | | 51 | 51 | 70 | |
| 56/ 55 | .1 | 2.5 | 1.9 | 1.5 | 1.0 | .5 | .3 | .1 | | | | | | | | | | | | | 76 | 76 | 76 | |
| 54/ 53 | .4 | 1.1 | 1.0 | 1.6 | .4 | .5 | .5 | | | | | | | | | | | | | | 52 | 52 | 79 | |
| 52/ 51 | .5 | 1.5 | 1.7 | 1.1 | 1.0 | .4 | .1 | .1 | | | | | | | | | | | | | 60 | 60 | 77 | |
| 50/ 49 | | 1.7 | 2.6 | .9 | 1.0 | 1.0 | .1 | | | | | | | | | | | | | | 67 | 67 | 57 | |
| 48/ 47 | | .8 | .6 | .4 | .9 | .4 | | | | | | | | | | | | | | | 29 | 29 | 70 | |
| 46/ 45 | .3 | 1.2 | .6 | .2 | .9 | .1 | | | | | | | | | | | | | | | 31 | 31 | 48 | |
| 44/ 43 | | 1.1 | .8 | .5 | | | | | | | | | | | | | | | | | 22 | 22 | 37 | |
| 42/ 41 | | 1.5 | .5 | .1 | .2 | | | | | | | | | | | | | | | | 22 | 22 | 43 | |
| 40/ 39 | .1 | 1.4 | | .6 | .2 | | | | | | | | | | | | | | | | 22 | 22 | 50 | |
| 38/ 37 | .1 | .6 | | .1 | | | | | | | | | | | | | | | | | 8 | 8 | 21 | |
| 36/ 35 | | .1 | .1 | .1 | | | | | | | | | | | | | | | | | 3 | 3 | 10 | |
| 34/ 33 | | .2 | .8 | | | | | | | | | | | | | | | | | | 9 | 9 | 7 | |
| 32/ 31 | | .1 | | | | | | | | | | | | | | | | | | | 1 | 1 | 8 | |
| 30/ 29 | | .1 | | | | | | | | | | | | | | | | | | | 1 | 1 | 7 | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | 13 | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | 9 | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | 6 | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | 6 | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Element (X) | Σ X ² | | Σ X | | X | | Σ X | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

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73-62

YEARS

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PAGE 2 0300-0500
HOURS S. T.

USAFETAC FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

73-82

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PAGE 1 0600-0800

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PSYCHROMETRIC SUMMARY

722665 DYES AFB TX

73-82

OC 1

STATION

STATION NAME

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PAGE 2 0900-1100

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PSYCHROMETRIC SUMMARY

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PAGE 2 1200-1400
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PSYCHROMETRIC SUMMARY

7226 65
STATION

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73-82

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73-82

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MONTH

PAGE 2 1500-1700
HOURS S. T. 1

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
(1 JUN 71)

PSYCHROMETRIC SUMMARY

| | |
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| 722665 | DYESS AFB TX |
| STATION | STATION NAME |

73-82

YEARS

OCT
MONTH

PAGE 2 1800-2000
HOURS L. S. T.

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PSYCHROMETRIC SUMMARY

7226 65
STATION

DYESS AFB TX

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PAGE 1 2100-2300

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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PAGE 1 2400-0200

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PSYCHROMETRIC SUMMARY

73-82

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USAFETAC 0-26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
FORM JUN 71

PSYCHROMETRIC SUMMARY

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PAGE 2 0300-0500

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PSYCHROMETRIC SUMMARY

73-82

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MONTH

PAGE 2 3600-0900
NOV 5 1961

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

NO V

PAGE 1 0900-1100

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|--|-------|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 88/ 87 | | | | | | | | | | | | | | | | .1 | | 1 | 1 | | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 80/ 79 | | | | | | | | | | | .1 | .1 | | | .1 | | | 2 | 2 | | | | | | | | | | | | | | | | |
| 74/ 77 | | | | | | .1 | .3 | | | .1 | .2 | .1 | | | | | | 8 | 8 | | | | | | | | | | | | | | | | |
| 76/ 75 | | | | | | .1 | .1 | | .1 | .2 | | .1 | | | | | | 6 | 6 | | | | | | | | | | | | | | | | |
| 74/ 73 | | | | | .2 | .4 | .6 | .2 | .1 | .1 | .1 | | | | | | | 23 | 23 | | | | | | | | | | | | | | | | |
| 72/ 71 | | | .1 | 1.1 | .7 | .7 | .2 | .3 | .4 | .2 | | | | | | | | 34 | 34 | 1 | | | | | | | | | | | | | | | |
| 70/ 69 | | | .7 | .6 | 1.6 | .3 | .3 | .4 | .1 | .1 | | | | | | | | 39 | 39 | | | | | | | | | | | | | | | | |
| 68/ 67 | | | 1.0 | 1.0 | .8 | .4 | .3 | .3 | .3 | .2 | | | | | | | | 39 | 39 | 7 | 1 | | | | | | | | | | | | | | |
| 66/ 65 | | | .4 | 1.3 | 1.7 | 1.0 | .3 | .2 | .3 | .4 | .1 | | | | | | | 53 | 53 | 24 | 2 | | | | | | | | | | | | | | |
| 64/ 63 | | .1 | .7 | 1.0 | 1.1 | .3 | 1.0 | .6 | .1 | | | | | | | | | 47 | 47 | 28 | 18 | | | | | | | | | | | | | | |
| 62/ 61 | | .1 | 1.0 | 1.2 | 1.2 | 1.0 | .7 | .9 | .6 | | | | | | | | | 60 | 60 | 43 | 15 | | | | | | | | | | | | | | |
| 60/ 59 | | .3 | .3 | 1.1 | .9 | 1.1 | .2 | .6 | .1 | | | | | | | | | 42 | 42 | 40 | 22 | | | | | | | | | | | | | | |
| 58/ 57 | | .3 | .9 | .7 | .9 | 1.2 | 1.2 | .7 | .6 | | | | | | | | | 56 | 56 | 60 | 40 | | | | | | | | | | | | | | |
| 56/ 55 | | 1.0 | 1.0 | 1.1 | 1.2 | .7 | .6 | .7 | .4 | | | | | | | | | 60 | 60 | 51 | 34 | | | | | | | | | | | | | | |
| 54/ 53 | .1 | .6 | .6 | .3 | 1.0 | .9 | .8 | .3 | .2 | | | | | | | | | 45 | 45 | 48 | 36 | | | | | | | | | | | | | | |
| 52/ 51 | | 1.1 | .8 | 1.2 | 1.3 | .8 | .8 | .1 | | | | | | | | | | 55 | 55 | 53 | 41 | | | | | | | | | | | | | | |
| 50/ 49 | | 1.3 | 1.1 | 1.4 | 1.6 | .7 | 1.0 | .1 | | | | | | | | | | 65 | 65 | 63 | 42 | | | | | | | | | | | | | | |
| 48/ 47 | | 1.4 | 1.0 | 1.6 | .6 | .9 | .4 | | | | | | | | | | | 53 | 53 | 60 | 43 | | | | | | | | | | | | | | |
| 46/ 45 | | .3 | .6 | 1.4 | .1 | .6 | .2 | .2 | | | | | | | | | | 30 | 30 | 75 | 54 | | | | | | | | | | | | | | |
| 44/ 43 | | .1 | 1.3 | .8 | .7 | .7 | .4 | | | | | | | | | | | 36 | 36 | 48 | 44 | | | | | | | | | | | | | | |
| 42/ 41 | | .7 | .9 | 1.1 | .7 | .2 | | | | | | | | | | | | 32 | 32 | 62 | 38 | | | | | | | | | | | | | | |
| 40/ 39 | | 1.0 | .8 | .3 | .4 | .2 | | | | | | | | | | | | 25 | 25 | 51 | 49 | | | | | | | | | | | | | | |
| 38/ 37 | | 1.2 | .9 | .3 | .2 | | | | | | | | | | | | | 24 | 24 | 44 | 43 | | | | | | | | | | | | | | |
| 36/ 35 | | 1.0 | .4 | .3 | .1 | | | | | | | | | | | | | 17 | 17 | 42 | 58 | | | | | | | | | | | | | | |
| 34/ 33 | | .4 | .3 | .3 | .6 | | | | | | | | | | | | | 13 | 13 | 35 | 41 | | | | | | | | | | | | | | |
| 32/ 31 | | .4 | .2 | .4 | | | | | | | | | | | | | | 10 | 10 | 16 | 69 | | | | | | | | | | | | | | |
| 30/ 29 | | .3 | .2 | .4 | | | | | | | | | | | | | | 9 | 9 | 12 | 33 | | | | | | | | | | | | | | |
| 28/ 27 | | .1 | .3 | | | | | | | | | | | | | | | 4 | 4 | 12 | 33 | | | | | | | | | | | | | | |
| 26/ 25 | | .3 | .2 | | | | | | | | | | | | | | | 5 | 5 | 7 | 19 | | | | | | | | | | | | | | |
| 24/ 23 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 12 | 21 | | | | | | | | | | | | | | |
| 22/ 21 | | .1 | .3 | | | | | | | | | | | | | | | 2 | 2 | 2 | 29 | | | | | | | | | | | | | | |
| 20/ 19 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 22 | | | | | | | | | | | | | | |
| 18/ 17 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 10 | | | | | | | | | | | | | | |
| Element (X) | Σ X ² | | Σ X | | X | | X | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | | ≥ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| 722665 | DYESS AFB TX |
| STATION | STATION NAME |

PSYCHROMETRIC SUMMARY

7226 65 DYESS AFB TX 73-82 NOV
STATION STATION NAME YEARS MONTH
PAGE 2 0900-1100
HOURS - S. I.

[illegible]

PSYCHROMETRIC SUMMARY

NOV
1954

NO. 85 S. 2, 3

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|----------------|-------|-------|----------|-------|-------|------------------------------------|--------|-----------|----------|----------|-----------|-------|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 94/ 93 | | | | | | | | | | | | | | | | | .2 | 2 | 2 | | | | | | | | | | | | | | | | |
| 90/ 89 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | | | | | | | | | | | | | | | |
| 88/ 87 | | | | | | | | | | | | .1 | | | | .1 | | 2 | 2 | | | | | | | | | | | | | | | | |
| 86/ 85 | | | | | | | | | | | | .1 | | .2 | | .1 | | 4 | 4 | | | | | | | | | | | | | | | | |
| 84/ 83 | | | | | | | | | | | .1 | .3 | .2 | .3 | .2 | | | 11 | 11 | | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | | | | .2 | .2 | .4 | .2 | .2 | | | | 12 | 12 | | | | | | | | | | | | | | | | |
| 80/ 79 | | | | | | | | 1.1 | .4 | .3 | 1.2 | .1 | | | | | | 29 | 29 | | | | | | | | | | | | | | | | |
| 78/ 77 | | | | | .2 | .2 | .5 | .3 | .2 | 1.1 | .4 | | | | | | | 34 | 34 | | | | | | | | | | | | | | | | |
| 76/ 75 | | | | | .4 | .2 | 1.4 | .7 | .8 | 1.1 | .3 | .1 | .2 | | | | | 51 | 51 | | | | | | | | | | | | | | | | |
| 74/ 73 | | | .3 | .4 | 1.1 | .8 | .6 | .9 | .7 | .2 | .2 | | | | | | | 47 | 47 | | | | | | | | | | | | | | | | |
| 72/ 71 | | | .4 | 2.3 | .8 | .9 | .4 | .7 | .4 | .2 | .2 | | .2 | | | | | 58 | 58 | | | | | | | | | | | | | | | | |
| 70/ 69 | | .1 | .1 | 1.0 | 1.0 | 1.1 | .9 | .7 | .4 | 1.3 | .2 | | | | | | | 61 | 61 | 3 | | | | | | | | | | | | | | | |
| 68/ 67 | | | .1 | .7 | 1.0 | .9 | 1.4 | 1.0 | .9 | .2 | | | | | | | | 58 | 58 | 12 | | | | | | | | | | | | | | | |
| 66/ 65 | | | .6 | .7 | .6 | 1.0 | 1.6 | .7 | .9 | | | | | | | | | 53 | 53 | 36 | 6 | | | | | | | | | | | | | | |
| 64/ 63 | | | .4 | .2 | .4 | 1.2 | .3 | 1.4 | 1.2 | | | | | | | | | 48 | 48 | 50 | 6 | | | | | | | | | | | | | | |
| 62/ 61 | | | .3 | .6 | .3 | .7 | .8 | .3 | 1.0 | .7 | | | | | | | | 42 | 42 | 62 | 7 | | | | | | | | | | | | | | |
| 60/ 59 | | .2 | .3 | .4 | .4 | .7 | .7 | 1.1 | .7 | .3 | | | | | | | | 44 | 44 | 71 | 15 | | | | | | | | | | | | | | |
| 58/ 57 | | .4 | .8 | .2 | .4 | .7 | .8 | 1.1 | .8 | .2 | | | | | | | | 49 | 49 | 62 | 44 | | | | | | | | | | | | | | |
| 56/ 55 | .1 | .8 | .4 | .1 | .4 | 1.1 | 1.1 | .2 | .3 | | | | | | | | | 42 | 42 | 56 | 63 | | | | | | | | | | | | | | |
| 54/ 53 | | .1 | .6 | .2 | .7 | .8 | .8 | .3 | .1 | | | | | | | | | 32 | 32 | 49 | 36 | | | | | | | | | | | | | | |
| 52/ 51 | | .4 | 1.0 | .3 | .4 | .4 | .6 | .3 | .1 | | | | | | | | | 33 | 33 | 69 | 42 | | | | | | | | | | | | | | |
| 50/ 49 | | .8 | .8 | .2 | .7 | .4 | 1.7 | .4 | .1 | | | | | | | | | 40 | 40 | 58 | 31 | | | | | | | | | | | | | | |
| 48/ 47 | | .3 | .7 | .7 | .6 | .4 | .9 | .4 | | | | | | | | | | 36 | 36 | 71 | 47 | | | | | | | | | | | | | | |
| 46/ 45 | | | .1 | .8 | .6 | .3 | .2 | .3 | | | | | | | | | | 21 | 21 | 61 | 54 | | | | | | | | | | | | | | |
| 44/ 43 | | .4 | .1 | .1 | | .4 | .1 | | | | | | | | | | | 11 | 11 | 47 | 50 | | | | | | | | | | | | | | |
| 42/ 41 | | .4 | .3 | .6 | .1 | .1 | .2 | | | | | | | | | | | 16 | 16 | 38 | 44 | | | | | | | | | | | | | | |
| 40/ 39 | | .6 | .4 | .1 | | .3 | | | | | | | | | | | | 13 | 13 | 33 | 47 | | | | | | | | | | | | | | |
| 38/ 37 | | .7 | .1 | .2 | .2 | .3 | | | | | | | | | | | | 14 | 14 | 33 | 34 | | | | | | | | | | | | | | |
| 36/ 35 | | 1.1 | | .2 | .1 | .1 | | | | | | | | | | | | 14 | 14 | 26 | 45 | | | | | | | | | | | | | | |
| 34/ 33 | | .2 | .2 | .1 | .2 | | | | | | | | | | | | | 7 | 7 | 25 | 40 | | | | | | | | | | | | | | |
| 32/ 31 | | .1 | .1 | | .1 | | | | | | | | | | | | | 3 | 3 | 6 | 62 | | | | | | | | | | | | | | |
| 30/ 29 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 10 | 29 | | | | | | | | | | | | | | |
| 28/ 27 | | | .3 | .1 | | | | | | | | | | | | | | 4 | 4 | 12 | 54 | | | | | | | | | | | | | | |
| 26/ 25 | | .3 | | .1 | | | | | | | | | | | | | | 4 | 4 | 1 | 26 | | | | | | | | | | | | | | |
| Element (X) | Σ X' | | | Σ X | | | X | | | σ _x | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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PAGE 2 1200-1400

HOURS

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

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PAGE ? 1500-1700
HOURS 11:00 - 12:00

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USAFETAC FORM 0 26-3 101 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
(JUN 73)

PSYCHROMETRIC SUMMARY

7226 65
STATION

DYESS AFB TX

73-82

NOV
1954

PAGE 1 1900-2000
NO. 85 5. 4

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|------------------|-----|------|-------|-------|-------|-------|-------|-------|----------|-------|-------|------------------------------------|----|-----------|----------|----------|-----------|--------|--|--------|--|--------|--|-------|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 77/ 77 | | | | | | | | | | | | .1 | .1 | | | | | 2 | 2 | | | | | | | | | | | | | | | | |
| 76/ 75 | | | | | | | | | .1 | .1 | .2 | .2 | .1 | | | | | 7 | 7 | | | | | | | | | | | | | | | | |
| 74/ 73 | | | | | .1 | .4 | | .3 | .2 | .3 | .1 | .1 | | | | | | 14 | 14 | | | | | | | | | | | | | | | | |
| 72/ 71 | | | | .1 | .2 | .6 | .1 | .5 | .4 | .2 | | .1 | | | | | | 23 | 23 | | | | | | | | | | | | | | | | |
| 70/ 69 | | | .2 | .6 | 1.1 | 1.1 | 1.1 | .4 | .7 | .1 | .4 | | | | | | | 54 | 54 | | | | | | | | | | | | | | | | |
| 68/ 67 | | | .2 | 1.0 | 1.1 | .7 | 1.3 | .3 | .3 | .3 | | | | | | | | 50 | 50 | | | | | | | | | | | | | | | | |
| 66/ 65 | | .1 | .4 | 1.4 | 1.6 | .8 | .9 | .3 | .1 | | | | | | | | | 57 | 57 | | 9 | | | | | | | | | | | | | | |
| 64/ 63 | | | .2 | 1.0 | .6 | 1.3 | .3 | .4 | .7 | .4 | | | | | | | | 45 | 45 | 12 | 4 | | | | | | | | | | | | | | |
| 62/ 61 | | .1 | 1.1 | 1.0 | .6 | 1.3 | 1.7 | .9 | .6 | | | | | | | | | 59 | 59 | 34 | 7 | | | | | | | | | | | | | | |
| 60/ 59 | | .2 | .8 | .4 | .4 | 1.3 | 1.0 | .9 | .2 | | | | | | | | | 47 | 47 | 46 | 9 | | | | | | | | | | | | | | |
| 58/ 57 | | .7 | .8 | .7 | 1.4 | .7 | 1.1 | .9 | .2 | | | | | | | | | 57 | 57 | 64 | 27 | | | | | | | | | | | | | | |
| 56/ 55 | .3 | .3 | .7 | .8 | 1.9 | 1.0 | .8 | .4 | .1 | | | | | | | | | 57 | 57 | 68 | 40 | | | | | | | | | | | | | | |
| 54/ 53 | | .2 | 1.0 | 1.1 | 1.1 | 1.4 | .9 | .4 | .1 | | | | | | | | | 57 | 57 | 50 | 46 | | | | | | | | | | | | | | |
| 52/ 51 | | .7 | .9 | 1.0 | 1.3 | 1.8 | .9 | .2 | | | | | | | | | | 61 | 61 | 47 | 29 | | | | | | | | | | | | | | |
| 50/ 49 | | 1.0 | 1.0 | 1.7 | 1.8 | 1.4 | .1 | .1 | | | | | | | | | | 64 | 64 | 74 | 38 | | | | | | | | | | | | | | |
| 48/ 47 | | .4 | 1.8 | 1.1 | .8 | .7 | .4 | .1 | | | | | | | | | | 46 | 48 | 69 | 43 | | | | | | | | | | | | | | |
| 46/ 45 | | .2 | .8 | 1.1 | .9 | .7 | .1 | .1 | | | | | | | | | | 35 | 35 | 77 | 60 | | | | | | | | | | | | | | |
| 44/ 43 | | .6 | .6 | .8 | 1.0 | .3 | .2 | | | | | | | | | | | 31 | 31 | 69 | 47 | | | | | | | | | | | | | | |
| 42/ 41 | | .3 | .7 | .7 | .6 | .6 | | | | | | | | | | | | 25 | 25 | 65 | 52 | | | | | | | | | | | | | | |
| 40/ 39 | | .8 | .6 | .7 | .3 | .2 | .2 | | | | | | | | | | | 25 | 25 | 45 | 49 | | | | | | | | | | | | | | |
| 38/ 37 | | .7 | .9 | .4 | .2 | .2 | | | | | | | | | | | | 22 | 22 | 36 | 48 | | | | | | | | | | | | | | |
| 36/ 35 | | .4 | .6 | .6 | .3 | .2 | | | | | | | | | | | | 19 | 19 | 33 | 54 | | | | | | | | | | | | | | |
| 34/ 33 | | .4 | .2 | .6 | .2 | | | | | | | | | | | | | 13 | 13 | 30 | 50 | | | | | | | | | | | | | | |
| 32/ 31 | | | .3 | .4 | .2 | .2 | | | | | | | | | | | | 11 | 11 | 22 | 73 | | | | | | | | | | | | | | |
| 30/ 29 | | .3 | .2 | .1 | | | | | | | | | | | | | | 6 | 6 | 7 | 39 | | | | | | | | | | | | | | |
| 28/ 27 | | .1 | .1 | .2 | | | | | | | | | | | | | | 4 | 4 | 21 | 34 | | | | | | | | | | | | | | |
| 26/ 25 | | .2 | | .2 | | | | | | | | | | | | | | 4 | 4 | 8 | 41 | | | | | | | | | | | | | | |
| 24/ 23 | | .1 | | .1 | | | | | | | | | | | | | | 2 | 2 | 7 | 23 | | | | | | | | | | | | | | |
| 22/ 21 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 3 | 16 | | | | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 3 | 14 | | | | | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 1 | 10 | | | | | | | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 12 | | | | | | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 6 | | | | | | | | | | | | | | |
| Element (X) | Σ X ³ | | | Σ X ² | | | Σ X | | | Σ X | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | = 0 F | | = 32 F | | = 67 F | | = 73 F | | = 80 F | | = 93 F | | Total | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

722665
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DYESS AFB TX

73-6?

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1944

PAGE 2 1000-2300

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PSYCHROMETRIC SUMMARY

7226 65
STATION

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73-82

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PAGE 1 2100-2300

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PSYCHROMETRIC SUMMARY

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1954

PAGE 2 2100-2300

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PSYCHROMETRIC SUMMARY

722665
STATION

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73-82

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STATION NAME

YEARS

PAGE 1

ALL

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|--------------|------|-------|-------|--------------|-------|-------|-------|------------|-------|-------|-------|----------|-----------|----------|----------|------------------------------------|-----|--------|--|--------|--|--------|--|--------|--|--------|-------|-------|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 95/ 95 | | | | | | | | | | | | | | | | | | .0 | 1 | 1 | | | | | | | | | | | | | | | |
| 94/ 93 | | | | | | | | | | | | | | | | | | .0 | 3 | 3 | | | | | | | | | | | | | | | |
| 91/ 89 | | | | | | | | | | | | | | | | | | .0 | 2 | 2 | | | | | | | | | | | | | | | |
| 88/ 87 | | | | | | | | | | | | .7 | | | | | .1 | | 5 | 5 | | | | | | | | | | | | | | | |
| 86/ 85 | | | | | | | | | | | .7 | .0 | .0 | | | .0 | | | 10 | 10 | | | | | | | | | | | | | | | |
| 84/ 83 | | | | | | | | | | .7 | .1 | .1 | .1 | .1 | | | | | 26 | 26 | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | | | | .1 | .1 | .2 | .1 | .1 | | | | | 33 | 33 | | | | | | | | | | | | | | | |
| 81/ 79 | | | | | | | .1 | .3 | .1 | .1 | .3 | .1 | | | | | | | 65 | 65 | | | | | | | | | | | | | | | |
| 77/ 77 | | | | | .1 | .1 | .2 | .3 | .2 | .2 | .2 | .1 | .0 | | | | | | 93 | 93 | | | | | | | | | | | | | | | |
| 76/ 75 | | | | | .1 | .1 | .4 | .4 | .2 | .3 | .1 | .1 | .1 | | | | | | 129 | 129 | | | | | | | | | | | | | | | |
| 74/ 73 | | | | .1 | .2 | .3 | .2 | .2 | .4 | .2 | .1 | .1 | | | | | | | 132 | 132 | | | | | | | | | | | | | | | |
| 72/ 71 | | | .0 | .2 | .3 | .6 | .3 | .4 | .3 | .2 | .1 | .2 | .0 | | | | | | 176 | 175 | | 1 | | | | | | | | | | | | | |
| 71/ 69 | | | .3 | .3 | .6 | .4 | .4 | .4 | .3 | .2 | .3 | .0 | | | | | | | 241 | 241 | | 5 | | | | | | | | | | | | | |
| 67/ 67 | .0 | .2 | .5 | .6 | .6 | .4 | .4 | .4 | .4 | .3 | .2 | | | | | | | | 294 | 294 | 33 | 2 | | | | | | | | | | | | | |
| 66/ 65 | | .2 | .8 | 1.0 | .9 | .9 | .4 | .5 | .4 | .3 | .0 | | | | | | | | 355 | 355 | 123 | 19 | | | | | | | | | | | | | |
| 64/ 63 | | .3 | .6 | .8 | .5 | .6 | .3 | .3 | .5 | .3 | .1 | | | | | | | | 329 | 329 | 189 | 60 | | | | | | | | | | | | | |
| 62/ 61 | | .4 | .9 | 1.1 | .5 | .7 | .5 | .5 | .5 | .1 | .0 | | | | | | | | 379 | 379 | 324 | 73 | | | | | | | | | | | | | |
| 61/ 59 | | .4 | .9 | .7 | .6 | .7 | .6 | .6 | .2 | .1 | | | | | | | | | 355 | 355 | 338 | 141 | | | | | | | | | | | | | |
| 61/ 57 | .0 | .6 | 1.3 | .8 | .8 | .8 | .6 | .5 | .3 | .0 | | | | | | | | | 406 | 406 | 394 | 245 | | | | | | | | | | | | | |
| 56/ 55 | .1 | .9 | 1.0 | .7 | 1.0 | .6 | .5 | .4 | .2 | | | | | | | | | | 382 | 382 | 426 | 290 | | | | | | | | | | | | | |
| 54/ 53 | .0 | .7 | .7 | 1.0 | 1.0 | .7 | .9 | .3 | .1 | | | | | | | | | | 362 | 362 | 381 | 320 | | | | | | | | | | | | | |
| 52/ 51 | | .8 | 1.2 | .9 | .8 | .8 | .5 | .2 | .1 | | | | | | | | | | 377 | 377 | 421 | 307 | | | | | | | | | | | | | |
| 51/ 49 | | 1.4 | 1.4 | 1.1 | 1.3 | .6 | .6 | .7 | .7 | | | | | | | | | | 476 | 476 | 434 | 290 | | | | | | | | | | | | | |
| 47/ 47 | .0 | 1.4 | 1.1 | 1.6 | .8 | .6 | .5 | .7 | .7 | | | | | | | | | | 443 | 443 | 561 | 327 | | | | | | | | | | | | | |
| 47/ 45 | | .9 | .9 | 1.3 | .8 | .5 | .1 | .1 | | | | | | | | | | | 337 | 337 | 498 | 415 | | | | | | | | | | | | | |
| 44/ 43 | | .9 | 1.4 | .9 | .7 | .3 | .2 | | | | | | | | | | | | 311 | 311 | 433 | 352 | | | | | | | | | | | | | |
| 42/ 41 | | .7 | 1.3 | 1.0 | .4 | .2 | .1 | | | | | | | | | | | | 255 | 255 | 463 | 380 | | | | | | | | | | | | | |
| 40/ 39 | .0 | .9 | 1.2 | .7 | .3 | .2 | .0 | | | | | | | | | | | | 234 | 234 | 414 | 394 | | | | | | | | | | | | | |
| 38/ 37 | | 1.4 | 1.4 | .5 | .3 | .1 | | | | | | | | | | | | | 262 | 262 | 391 | 339 | | | | | | | | | | | | | |
| 36/ 35 | | 1.1 | .8 | .6 | .3 | .1 | | | | | | | | | | | | | 205 | 205 | 354 | 429 | | | | | | | | | | | | | |
| 34/ 33 | | .7 | .6 | .6 | .2 | | | | | | | | | | | | | | 148 | 148 | 304 | 407 | | | | | | | | | | | | | |
| 32/ 31 | .0 | .4 | .4 | .4 | .1 | .0 | | | | | | | | | | | | | 125 | 125 | 172 | 533 | | | | | | | | | | | | | |
| 30/ 29 | | .4 | .3 | .3 | .1 | | | | | | | | | | | | | | 80 | 80 | 133 | 303 | | | | | | | | | | | | | |
| 28/ 27 | | .3 | .3 | .1 | .0 | | | | | | | | | | | | | | 47 | 47 | 161 | 323 | | | | | | | | | | | | | |
| Element (X) | ΣX^4 | | | | ΣX^3 | | | | ΣX^2 | | | | ΣX | | | | No. Obs. | | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≤ 67 F | | ≤ 73 F | | ≤ 80 F | | ≤ 93 F | | Total | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|------|------|----------|----------|-----------|--|--|--|--|--|--|-------|-------------------|--------|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | + 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | |
| - F / - 9
- 11 / - 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2
1 | |
| TOTAL | 1.2 | 19.5 | 29.1 | 21.7 | 14.0 | 8.3 | 4.1 | 1.9 | .9 | .4 | | | | | | | | | | | | | | | | | | | | 930
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| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------------|-------|-------|-------|-------|-----------|-------|-------|-------|-------|------------|----|-----------|----------|----------|-----------|--|--|--|--|------------------------------------|--|--|--|--|-------|-------|----|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 72 / 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| 71 / 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | 9 | | |
| 70 / 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 16 | 16 | | |
| 66 / 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 | 18 | | |
| 64 / 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 28 | 28 | | |
| 62 / 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 41 | 41 | | |
| 60 / 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 43 | 43 | | |
| 58 / 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 41 | 41 | | |
| 56 / 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 47 | | |
| 54 / 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 | 59 | | |
| 52 / 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 64 | 64 | | |
| 50 / 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 70 | 70 | | |
| 48 / 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 60 | | |
| 46 / 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 81 | 81 | | |
| 44 / 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 57 | 57 | | |
| 42 / 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 45 | 45 | | |
| 40 / 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 | 59 | | |
| 38 / 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 41 | 41 | | |
| 36 / 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 36 | 36 | | |
| 34 / 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 36 | 36 | | |
| 32 / 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 29 | 29 | | |
| 30 / 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 16 | 16 | | |
| 28 / 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 12 | | |
| 26 / 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 | 11 | | |
| 24 / 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | | |
| 22 / 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| 20 / 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 / 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 / 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 / 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 / 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 / 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 / 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 / 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σx^2 | | | | | Σx | | | | | \bar{x} | | | | | σ_x | | | | | No. Obs. | | | | | Mean No. of Hours with Temperature | | | | | Total | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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PSYCHROMETRIC SUMMARY

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| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|----------------|-------|-------|----------|-------|-------|------------------------------------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|--------|--|--------|--|--------|--|--------|--|--------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |
| 110/109 | | | | | | | | | | | | | | | | | | .0 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 108/107 | | | | | | | | | | | | | | | | | | .0 | 6 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 106/105 | | | | | | | | | | | | | | | | .0 | .0 | .0 | 25 | 25 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 104/103 | | | | | | | | | | | | | | | .0 | .0 | .0 | .0 | 76 | 76 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 102/101 | | | | | | | | | | | | | .0 | .0 | .0 | .1 | .1 | .1 | 203 | 203 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100/99 | | | | | | | | | | | | .0 | .0 | .1 | .2 | .1 | .1 | .1 | 410 | 410 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98/97 | | | | | | | | | | | | .1 | .2 | .2 | .2 | .1 | .0 | .0 | 710 | 710 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96/95 | | | | | | | | | .0 | .0 | .1 | .3 | .4 | .3 | .1 | .0 | .0 | .0 | 1043 | 1044 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94/93 | | | | | | | | .1 | .0 | .1 | .4 | .5 | .3 | .2 | .1 | .0 | .0 | .0 | 1402 | 1402 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92/91 | | | | | | | | .1 | .1 | .4 | .6 | .3 | .2 | .1 | .0 | .0 | .0 | .0 | 1593 | 1593 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90/89 | | | | | | | .0 | .1 | .4 | .6 | .5 | .3 | .1 | .1 | .0 | .0 | .0 | .0 | 1817 | 1817 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88/87 | | | | | | .0 | .1 | .4 | .6 | .5 | .3 | .2 | .1 | .1 | .1 | .0 | .0 | .0 | 1976 | 1976 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86/85 | | | | .0 | .1 | .2 | .1 | .4 | .5 | .4 | .3 | .1 | .1 | .1 | .0 | .0 | .0 | .0 | 2275 | 2275 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84/83 | | | | .0 | .2 | .4 | .2 | .4 | .5 | .4 | .2 | .1 | .1 | .1 | .1 | .0 | .0 | .0 | 2582 | 2582 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82/81 | | | | .0 | .2 | .4 | .2 | .4 | .5 | .4 | .2 | .1 | .1 | .1 | .1 | .0 | .0 | .0 | 2915 | 2915 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80/79 | | | .0 | .1 | .4 | .4 | .2 | .6 | .4 | .2 | .2 | .1 | .1 | .1 | .0 | .0 | .0 | .0 | 3385 | 3385 | 10 | | | | | | | | | | | | | | | | | | | | | | | | |
| 78/77 | | | .0 | .3 | .8 | 1.2 | .6 | .4 | .3 | .2 | .2 | .1 | .1 | .1 | .0 | .0 | .0 | .0 | 3696 | 3696 | 134 | | | | | | | | | | | | | | | | | | | | | | | | |
| 76/75 | | .0 | .2 | .7 | 1.3 | .9 | .5 | .3 | .2 | .2 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | 4005 | 4005 | 936 | | | | | | | | | | | | | | | | | | | | | | | | |
| 74/73 | .0 | .0 | .4 | 1.0 | .8 | .6 | .4 | .3 | .2 | .2 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | 3676 | 3676 | 3170 | | | | | | | | | | | | | | | | | | | | | | | | |
| 72/71 | .0 | .2 | .7 | 1.0 | .5 | .5 | .4 | .3 | .2 | .2 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | 3726 | 3727 | 5780 | | | | | | | | | | | | | | | | | | | | | | | | |
| 70/69 | .0 | .3 | 1.1 | .7 | .6 | .4 | .3 | .3 | .2 | .2 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 3866 | 3866 | 7013 | | | | | | | | | | | | | | | | | | | | | | | | |
| 68/67 | .1 | .3 | .9 | .6 | .5 | .4 | .3 | .3 | .2 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3501 | 3501 | 6949 | | | | | | | | | | | | | | | | | | | | | | | | |
| 66/65 | .1 | .2 | .8 | .6 | .5 | .4 | .3 | .3 | .2 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3405 | 3405 | 5112 | | | | | | | | | | | | | | | | | | | | | | | | |
| 64/63 | .0 | .4 | .5 | .6 | .4 | .3 | .3 | .3 | .2 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2994 | 2997 | 4120 | | | | | | | | | | | | | | | | | | | | | | | | |
| 62/61 | .0 | .4 | .5 | .5 | .4 | .4 | .3 | .3 | .2 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2987 | 2987 | 3828 | | | | | | | | | | | | | | | | | | | | | | | | |
| 60/59 | .0 | .4 | .5 | .5 | .4 | .4 | .3 | .3 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2967 | 2968 | 3455 | | | | | | | | | | | | | | | | | | | | | | | | |
| 58/57 | .0 | .4 | .5 | .4 | .4 | .4 | .3 | .3 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2760 | 2760 | 3501 | | | | | | | | | | | | | | | | | | | | | | | | |
| 56/55 | .0 | .4 | .5 | .4 | .4 | .4 | .3 | .3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2724 | 2724 | 3393 | | | | | | | | | | | | | | | | | | | | | | | | |
| 54/53 | .0 | .4 | .4 | .5 | .4 | .4 | .3 | .3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2500 | 2500 | 3157 | | | | | | | | | | | | | | | | | | | | | | | | |
| 52/51 | .0 | .4 | .5 | .5 | .4 | .4 | .3 | .3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2449 | 2450 | 3294 | | | | | | | | | | | | | | | | | | | | | | | | |
| 50/49 | .0 | .4 | .6 | .5 | .6 | .4 | .4 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2585 | 2585 | 3196 | | | | | | | | | | | | | | | | | | | | | | | | |
| 48/47 | .0 | .5 | .5 | .6 | .5 | .4 | .4 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2346 | 2346 | 3354 | | | | | | | | | | | | | | | | | | | | | | | | |
| 46/45 | .0 | .5 | .5 | .5 | .5 | .4 | .4 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2170 | 2170 | 3327 | | | | | | | | | | | | | | | | | | | | | | | | |
| 44/43 | .0 | .4 | .6 | .5 | .4 | .4 | .3 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1979 | 1979 | 3063 | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ x ¹ | | | Σ x | | | x̄ | | | s _x | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ± 0 F | | ± 32 F | | ± 67 F | | ± 73 F | | ± 80 F | | ± 93 F | | Total | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

7226 65
STATION

DYESS AFB TX

73-83

411

PAGE ?

Abstract

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

702665 DYESS AFB TX

73-83

| STATION | | STATION NAME | | | | | | | | | | | | YEARS |
|-----------|-----------|--------------|--------|--------|--------|--------|-------|-------|-------|--------|--------|--------|--------|--------|
| HRS LST | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
| 0-02 | MEAN | 38.4 | 42.6 | 50.7 | 58.5 | 65.6 | 73.5 | 77.6 | 76.7 | 69.9 | 59.9 | 49.1 | 41.9 | 56.8 |
| | S D | 10.914 | 11.260 | 10.483 | 9.129 | 8.022 | 6.130 | 4.700 | 5.063 | 8.092 | 9.629 | 10.822 | 10.218 | 16.208 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 |
| 03-05 | MEAN | 37.0 | 41.3 | 49.0 | 56.2 | 63.4 | 70.7 | 74.9 | 74.1 | 67.7 | 58.0 | 47.6 | 40.4 | 56.8 |
| | S D | 11.024 | 11.190 | 10.469 | 9.167 | 7.835 | 5.871 | 4.203 | 4.594 | 7.740 | 9.602 | 11.082 | 10.193 | 15.776 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 |
| 06-08 | MEAN | 35.6 | 40.2 | 48.3 | 56.7 | 64.5 | 72.0 | 76.0 | 74.5 | 67.8 | 57.6 | 46.8 | 39.1 | 56.7 |
| | S D | 10.968 | 10.872 | 10.390 | 8.900 | 7.774 | 5.617 | 4.357 | 4.639 | 7.831 | 9.497 | 11.086 | 10.253 | 16.429 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 |
| 09-11 | MEAN | 41.3 | 47.1 | 56.2 | 65.3 | 72.6 | 80.7 | 85.1 | 83.8 | 76.8 | 67.0 | 54.6 | 46.6 | 64.9 |
| | S D | 12.111 | 12.753 | 11.411 | 9.322 | 8.504 | 6.010 | 5.459 | 5.814 | 9.241 | 9.586 | 11.757 | 11.318 | 17.673 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 929 | 10955 |
| 12-14 | MEAN | 48.5 | 55.0 | 64.0 | 72.3 | 79.0 | 87.3 | 91.0 | 90.3 | 83.2 | 73.9 | 61.7 | 54.4 | 71.8 |
| | S D | 13.868 | 14.657 | 12.583 | 10.163 | 9.330 | 6.851 | 6.266 | 6.385 | 10.254 | 10.490 | 12.771 | 12.440 | 17.890 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 |
| 15-17 | MEAN | 51.0 | 58.1 | 67.0 | 74.8 | 81.1 | 89.5 | 92.5 | 92.0 | 84.8 | 75.0 | 63.0 | 56.0 | 73.8 |
| | S D | 14.240 | 15.180 | 12.617 | 10.158 | 9.539 | 7.540 | 7.571 | 6.963 | 10.452 | 11.015 | 12.795 | 12.490 | 17.898 |
| | TOTAL OBS | 930 | 847 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10957 |
| 18-20 | MEAN | 44.2 | 51.5 | 61.0 | 69.3 | 76.2 | 85.1 | 88.4 | 87.1 | 78.9 | 66.9 | 54.8 | 47.5 | 67.6 |
| | S D | 11.746 | 13.237 | 11.520 | 9.610 | 8.906 | 7.259 | 7.145 | 6.677 | 9.534 | 10.081 | 11.101 | 10.326 | 18.089 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 927 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10953 |
| 21-23 | MEAN | 40.0 | 45.2 | 54.2 | 61.9 | 69.2 | 77.3 | 81.0 | 80.0 | 72.7 | 61.8 | 50.6 | 43.4 | 61.5 |
| | S D | 10.882 | 11.496 | 10.562 | 8.909 | 8.081 | 6.256 | 5.257 | 5.245 | 8.286 | 9.545 | 10.952 | 10.120 | 16.746 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 927 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10953 |
| ALL HOURS | MEAN | 42.0 | 47.6 | 56.3 | 64.4 | 71.5 | 79.5 | 83.3 | 82.3 | 75.2 | 65.0 | 53.5 | 46.2 | 64.0 |
| | S D | 13.076 | 14.103 | 13.080 | 11.587 | 10.652 | 9.359 | 8.642 | 8.732 | 10.971 | 11.817 | 12.929 | 12.443 | 18.207 |
| | TOTAL OBS | 7440 | 6769 | 7440 | 7200 | 7434 | 7200 | 7440 | 7440 | 7200 | 7440 | 7200 | 7439 | 87642 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

722565 DYESS AFB TX

73-83

STATION

STATION NAME

YEARS

| HRS LST | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--------|
| 1-02 | MEAN 33.8 | 37.2 | 43.5 | 51.2 | 59.8 | 65.4 | 67.6 | 67.0 | 62.6 | 53.5 | 44.0 | 36.6 | 51.9 |
| | S D 9.346 | 8.946 | 9.165 | 9.152 | 6.991 | 4.552 | 2.325 | 3.024 | 6.238 | 8.618 | 10.200 | 9.248 | 14.341 |
| | TOTAL OBS 930 | 846 | 930 | 899 | 930 | 898 | 930 | 930 | 900 | 930 | 900 | 930 | 10953 |
| 3-05 | MEAN 32.9 | 36.4 | 42.7 | 50.1 | 58.8 | 64.7 | 67.1 | 66.6 | 61.8 | 52.7 | 43.1 | 35.7 | 51.1 |
| | S D 9.681 | 9.187 | 9.546 | 9.365 | 7.250 | 4.854 | 2.326 | 3.204 | 6.474 | 8.939 | 10.625 | 9.329 | 14.561 |
| | TOTAL OBS 930 | 846 | 930 | 900 | 930 | 899 | 930 | 930 | 900 | 930 | 900 | 930 | 10955 |
| 6-08 | MEAN 32.0 | 35.8 | 42.6 | 50.7 | 59.6 | 66.0 | 68.4 | 67.3 | 62.1 | 52.8 | 42.7 | 34.9 | 51.3 |
| | S D 9.868 | 9.379 | 9.717 | 9.236 | 7.074 | 4.770 | 2.516 | 3.233 | 6.678 | 9.061 | 10.814 | 9.524 | 15.217 |
| | TOTAL OBS 930 | 846 | 930 | 900 | 930 | 900 | 930 | 929 | 900 | 930 | 900 | 930 | 10955 |
| 9-11 | MEAN 35.7 | 40.4 | 47.2 | 55.2 | 63.3 | 69.4 | 71.5 | 71.0 | 66.3 | 57.7 | 47.4 | 39.7 | 55.5 |
| | S D 9.853 | 9.759 | 9.184 | 8.558 | 6.711 | 4.179 | 2.104 | 2.603 | 6.235 | 8.088 | 10.359 | 9.306 | 14.710 |
| | TOTAL OBS 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 928 | 10954 |
| 12-14 | MEAN 39.7 | 44.3 | 50.4 | 57.7 | 65.1 | 70.6 | 72.1 | 71.9 | 67.7 | 60.1 | 50.5 | 43.7 | 57.9 |
| | S D 9.857 | 9.632 | 8.510 | 7.988 | 6.283 | 4.071 | 2.204 | 2.619 | 5.789 | 7.706 | 10.006 | 9.151 | 13.560 |
| | TOTAL OBS 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 |
| 15-17 | MEAN 40.3 | 45.5 | 51.1 | 58.1 | 65.1 | 70.2 | 71.6 | 71.4 | 67.3 | 59.7 | 50.7 | 44.2 | 58.0 |
| | S D 9.624 | 9.352 | 7.748 | 7.427 | 5.907 | 3.978 | 2.229 | 2.618 | 5.510 | 7.328 | 9.681 | 8.892 | 12.944 |
| | TOTAL OBS 930 | 847 | 930 | 900 | 930 | 900 | 930 | 929 | 900 | 930 | 900 | 930 | 10956 |
| 18-20 | MEAN 37.1 | 42.0 | 48.1 | 55.7 | 63.3 | 68.5 | 70.1 | 69.7 | 65.3 | 56.5 | 46.8 | 39.6 | 55.3 |
| | S D 8.985 | 8.862 | 7.868 | 7.710 | 5.994 | 3.859 | 2.239 | 2.681 | 5.573 | 7.730 | 9.611 | 8.586 | 13.674 |
| | TOTAL OBS 930 | 846 | 930 | 900 | 927 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10953 |
| 1-23 | MEAN 34.7 | 38.6 | 45.0 | 52.9 | 61.2 | 66.4 | 68.3 | 67.8 | 63.3 | 54.3 | 44.7 | 37.4 | 52.9 |
| | S D 9.015 | 8.677 | 8.498 | 8.595 | 6.607 | 4.219 | 2.351 | 2.934 | 5.878 | 8.229 | 10.062 | 8.870 | 14.103 |
| | TOTAL OBS 930 | 846 | 930 | 900 | 927 | 899 | 930 | 930 | 900 | 930 | 900 | 930 | 10952 |
| ALL HOURS | MEAN 35.8 | 40.0 | 46.3 | 53.9 | 62.0 | 67.7 | 69.6 | 69.1 | 64.6 | 55.9 | 46.2 | 39.0 | 54.2 |
| | S D 9.975 | 9.840 | 9.357 | 9.032 | 7.015 | 4.831 | 2.941 | 3.508 | 6.456 | 8.696 | 10.590 | 9.687 | 14.397 |
| | TOTAL OBS 7440 | 6769 | 7440 | 7199 | 7434 | 7196 | 7440 | 7438 | 7200 | 7440 | 7200 | 7438 | 87634 |



USAFETAC FORM 0.89.5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

702665 DYEISS AFB TX

73-83

| STATION | | YEARS | | | | | | | | | | | | |
|-----------|------------|--------|--------|--------|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| HRS. OBS. | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
| 0-00 | MEAN | 20.5 | 29.3 | 34.7 | 43.8 | 55.8 | 60.5 | 62.0 | 61.6 | 57.9 | 48.0 | 38.1 | 28.6 | 45.6 |
| | S.D. | 10.927 | 10.761 | 12.14 | 13.21 | 8.346 | 5.848 | 4.158 | 4.544 | 7.344 | 10.674 | 12.402 | 12.056 | 16.512 |
| | TOTAL OBS. | 930 | 846 | 930 | 899 | 930 | 898 | 930 | 930 | 900 | 930 | 900 | 930 | 10953 |
| 03-07 | MEAN | 20.2 | 29.3 | 34.9 | 43.7 | 55.5 | 61.1 | 62.8 | 62.3 | 57.9 | 47.9 | 37.8 | 28.3 | 45.7 |
| | S.D. | 11.115 | 11.031 | 12.398 | 13.019 | 8.447 | 5.674 | 3.784 | 4.326 | 7.511 | 10.868 | 12.767 | 12.029 | 16.782 |
| | TOTAL OBS. | 930 | 846 | 930 | 900 | 930 | 899 | 930 | 930 | 900 | 930 | 900 | 930 | 10955 |
| 06-09 | MEAN | 20.6 | 29.3 | 35.4 | 44.4 | 56.2 | 62.7 | 64.4 | 63.5 | 58.6 | 48.6 | 37.6 | 27.9 | 46.3 |
| | S.D. | 11.379 | 11.240 | 12.362 | 12.838 | 8.143 | 5.495 | 3.594 | 4.317 | 7.606 | 10.823 | 13.046 | 12.070 | 17.286 |
| | TOTAL OBS. | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 929 | 900 | 930 | 900 | 930 | 10955 |
| 09-11 | MEAN | 27.5 | 31.9 | 37.3 | 46.1 | 57.4 | 63.5 | 65.0 | 64.7 | 60.2 | 50.5 | 39.5 | 30.3 | 47.9 |
| | S.D. | 11.301 | 11.329 | 11.892 | 12.933 | 8.526 | 5.519 | 3.537 | 3.722 | 7.479 | 10.768 | 13.115 | 11.827 | 16.854 |
| | TOTAL OBS. | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 928 | 10954 |
| 12-14 | MEAN | 26.1 | 32.1 | 36.7 | 45.4 | 56.4 | 62.0 | 62.8 | 62.9 | 59.0 | 49.7 | 39.4 | 30.5 | 47.1 |
| | S.D. | 11.038 | 10.895 | 11.465 | 13.158 | 8.748 | 6.112 | 4.469 | 4.639 | 7.701 | 11.076 | 13.143 | 12.104 | 16.301 |
| | TOTAL OBS. | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 |
| 15-17 | MEAN | 27.7 | 31.3 | 35.1 | 44.0 | 55.0 | 60.0 | 61.0 | 61.0 | 57.3 | 48.0 | 38.6 | 29.5 | 45.8 |
| | S.D. | 10.789 | 10.704 | 11.121 | 13.060 | 8.933 | 6.519 | 4.921 | 4.896 | 7.935 | 10.767 | 12.968 | 12.174 | 15.949 |
| | TOTAL OBS. | 930 | 847 | 930 | 900 | 930 | 900 | 930 | 929 | 900 | 930 | 900 | 930 | 10956 |
| 18-20 | MEAN | 26.7 | 30.0 | 33.7 | 43.2 | 54.7 | 59.3 | 60.4 | 60.4 | 57.0 | 47.9 | 38.1 | 28.5 | 45.1 |
| | S.D. | 10.902 | 10.765 | 11.644 | 13.477 | 8.884 | 6.373 | 5.223 | 5.129 | 7.897 | 10.821 | 12.463 | 12.107 | 16.178 |
| | TOTAL OBS. | 930 | 846 | 930 | 900 | 927 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10953 |
| 21-23 | MEAN | 26.4 | 29.6 | 34.2 | 44.0 | 55.8 | 60.0 | 61.2 | 61.1 | 57.4 | 48.0 | 37.9 | 28.5 | 45.4 |
| | S.D. | 10.875 | 10.682 | 11.744 | 13.249 | 8.229 | 6.201 | 4.923 | 4.927 | 7.493 | 10.604 | 12.417 | 11.854 | 16.361 |
| | TOTAL OBS. | 930 | 846 | 930 | 900 | 927 | 899 | 930 | 930 | 900 | 930 | 900 | 930 | 10952 |
| ALL HOURS | MEAN | 26.3 | 30.4 | 35.3 | 44.3 | 55.9 | 61.1 | 62.5 | 62.2 | 57.2 | 48.6 | 38.4 | 29.0 | 46.1 |
| | S.D. | 11.063 | 10.985 | 11.903 | 13.143 | 8.571 | 6.130 | 4.626 | 4.742 | 7.685 | 10.838 | 12.806 | 12.756 | 16.557 |
| | TOTAL OBS. | 7440 | 6769 | 7440 | 7199 | 7434 | 7196 | 7440 | 7438 | 7200 | 7440 | 7200 | 7438 | 67634 |

RELATIVE HUMIDITY

J A .
L O N D O N[illegible]

RELATIVE HUMIDITY

STATION NAME

74-83

PERIOD

1998

| MONTH | HOURS
LAST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS. |
|--------|---------------|--|------|------|------|------|------|------|------|-----|------------------------------|------------------------|
| | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | |
| FEB | 00-02 | 100.0 | 86.7 | 92.3 | 84.3 | 73.6 | 57.2 | 42.4 | 23.0 | 7.4 | 67.7 | 145 |
| | 03-05 | 100.0 | 98.0 | 93.7 | 86.1 | 77.4 | 61.5 | 47.4 | 26.3 | 9.9 | 65.4 | 145 |
| | 06-08 | 100.0 | 98.6 | 95.7 | 91.4 | 81.6 | 67.3 | 52.1 | 28.4 | 9.1 | 64.0 | 146 |
| | 09-11 | 100.0 | 96.6 | 89.1 | 79.0 | 67.4 | 51.7 | 34.7 | 20.2 | 6.3 | 61.0 | 145 |
| | 12-14 | 99.6 | 88.4 | 73.7 | 56.7 | 47.7 | 28.0 | 19.7 | 11.2 | 3.3 | 47.6 | 146 |
| | 15-17 | 98.9 | 79.2 | 63.7 | 46.6 | 37.9 | 20.3 | 14.4 | 9.2 | 2.6 | 42.4 | 147 |
| | 18-20 | 99.9 | 86.1 | 76.4 | 61.5 | 46.6 | 28.0 | 18.6 | 11.6 | 3.4 | 49.2 | 146 |
| | 21-23 | 100.0 | 95.7 | 88.4 | 76.8 | 64.8 | 50.1 | 31.3 | 16.7 | 5.4 | 52.8 | 146 |
| TOTALS | | 99.8 | 92.7 | 84.1 | 73.3 | 60.9 | 45.8 | 32.4 | 18.4 | 5.8 | 56.9 | 1764 |

USAFETAC

FORM
JUL 64

0-87-5 : OL A:

GLOBAL CLIMATOLOGY BRANCH
AF: TAC
AIR WEATHER SERVICE /MAC

RELATIVE HUMIDITY

702865
STATION

LYEIS AFB TX

STATION NAME

74-13

PERIOD

1957
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
LST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS |
|--------|--------------|--|------|------|------|------|------|------|-----|------|------------------------------|------------------------|
| | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | |
| 1-2 | 100.0 | 98.2 | 91.2 | 81.0 | 65.1 | 43.5 | 26.7 | 13.2 | 1.5 | 17.7 | 97 | |
| 3-5 | 100.0 | 98.7 | 97.7 | 86.4 | 71.5 | 53.2 | 34.4 | 14.3 | 1.5 | 11.1 | 97 | |
| 6-8 | 100.0 | 99.7 | 95.9 | 89.2 | 75.4 | 59.2 | 39.4 | 16.7 | 2.9 | 7.5 | 67 | |
| 9-11 | 100.0 | 97.1 | 84.5 | 71.3 | 57.7 | 36.2 | 20.1 | 5.7 | 1.4 | 17.7 | 97 | |
| 12-14 | 99.7 | 85.7 | 67.2 | 43.4 | 28.4 | 17.5 | 9.8 | 4.3 | 1.2 | 43.6 | 67 | |
| 15-17 | 93.7 | 73.4 | 49.5 | 31.3 | 21.3 | 13.2 | 3.2 | 2.9 | .3 | 73.6 | 97 | |
| 18-2 | 9.7 | 52.1 | 61.6 | 43.2 | 29.2 | 19.2 | 10.2 | 3.2 | .5 | 47.5 | 67 | |
| 3-23 | 100.0 | 95.2 | 82.4 | 63.5 | 47.7 | 32.5 | 17.4 | 6.1 | .9 | 17.7 | 67 | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 91.3 | 77.6 | 63.6 | 45.1 | 34.4 | 20.7 | 8.1 | 1.7 | 11.3 | 744 | |

USAFETAC

FORM
JUL 64

0-87-5-OL A

AD-A137 575

DYESS AFB TEXAS REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATIONS (...(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A... 21 SEP 83

6/6

UNCLASSIFIED

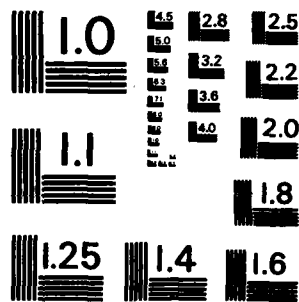
USAFETAC/DS-83/045 SBI-AD-E850 488

F/G 4/2

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END
DATE
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3 '84
DTIC



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

722665
STATION

DYESS AFB TX
STATION NAME

74-83
PERIOD

APR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS. |
|--------|-----------------|--|------|------|------|------|------|------|------|-----|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| APR | 00-02 | 100.0 | 98.1 | 92.8 | 82.8 | 68.5 | 54.3 | 37.0 | 18.4 | 5.2 | 61.4 | 899 |
| | 03-05 | 100.0 | 98.1 | 95.0 | 90.0 | 77.1 | 62.0 | 45.6 | 25.7 | 6.2 | 65.6 | 900 |
| | 06-08 | 100.0 | 98.3 | 95.0 | 88.7 | 77.0 | 64.9 | 48.1 | 27.0 | 7.8 | 66.3 | 900 |
| | 09-11 | 100.0 | 97.1 | 84.6 | 69.0 | 54.6 | 39.3 | 22.7 | 10.6 | 3.9 | 53.8 | 900 |
| | 12-14 | 99.8 | 87.0 | 65.9 | 48.1 | 32.6 | 18.1 | 11.0 | 5.7 | 2.6 | 42.6 | 900 |
| | 15-17 | 99.0 | 79.7 | 55.6 | 39.9 | 23.4 | 13.0 | 7.9 | 5.0 | 1.8 | 37.9 | 900 |
| | 18-20 | 99.6 | 85.8 | 67.2 | 50.1 | 37.3 | 22.9 | 12.8 | 6.7 | 2.4 | 44.0 | 900 |
| | 21-23 | 100.0 | 96.6 | 88.4 | 74.7 | 58.0 | 43.6 | 24.7 | 11.6 | 4.1 | 55.7 | 900 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 99.8 | 92.6 | 80.6 | 67.9 | 53.6 | 39.8 | 26.2 | 13.8 | 4.3 | 53.4 | 7199 |

USAFETAC

FORM
JAN 64

0-87-5 (OL A)

RELATIVE HUMIDITY

STATION NAME

25200

MAY
MONTH

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|--------|-------------------|--|-------|------|------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAY | 00-02 | 100.0 | 99.7 | 99.4 | 96.0 | 91.9 | 80.6 | 56.9 | 32.8 | 4.7 | 71.9 | 930 |
| | 03-05 | 100.0 | 99.9 | 99.7 | 98.1 | 95.1 | 89.0 | 73.1 | 42.9 | 10.1 | 76.4 | 930 |
| | 06-08 | 100.0 | 100.0 | 99.8 | 98.1 | 94.8 | 87.8 | 70.4 | 40.2 | 8.8 | 75.7 | 930 |
| | 09-11 | 100.0 | 99.5 | 96.2 | 90.0 | 76.6 | 51.9 | 26.7 | 10.8 | 2.2 | 61.0 | 930 |
| | 12-14 | 100.0 | 96.3 | 86.6 | 68.0 | 43.2 | 20.4 | 9.0 | 3.7 | 1.5 | 48.6 | 930 |
| | 15-17 | 100.0 | 92.7 | 76.2 | 54.3 | 32.5 | 14.3 | 7.3 | 3.7 | .5 | 43.9 | 930 |
| | 18-20 | 100.0 | 96.1 | 85.8 | 70.6 | 49.3 | 28.9 | 13.3 | 4.5 | .4 | 50.4 | 927 |
| | 21-23 | 100.0 | 100.0 | 97.6 | 93.1 | 81.1 | 60.3 | 36.5 | 15.3 | 1.3 | 64.3 | 927 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 98.0 | 92.7 | 83.5 | 70.6 | 54.2 | 36.7 | 19.2 | 3.7 | 61.5 | 7434 |

RELATIVE HUMIDITY

JUN

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|--------|-------------------|--|-------|-------|------|------|------|------|------|-----|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUN | 00-02 | 100.0 | 99.7 | 99.4 | 96.7 | 85.5 | 62.9 | 34.3 | 14.8 | 1.7 | 65.1 | 898 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.0 | 95.8 | 84.5 | 57.0 | 27.7 | 3.9 | 72.3 | 899 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.9 | 97.1 | 87.3 | 62.0 | 26.9 | 3.2 | 72.9 | 900 |
| | 09-11 | 100.0 | 100.0 | 98.9 | 90.2 | 71.9 | 35.4 | 12.2 | 4.1 | .6 | 57.1 | 900 |
| | 12-14 | 99.9 | 98.4 | 88.1 | 61.8 | 24.8 | 7.8 | 3.1 | 1.4 | | 44.2 | 900 |
| | 15-17 | 99.6 | 95.6 | 74.7 | 36.7 | 15.6 | 8.0 | 3.8 | 1.6 | .1 | 39.2 | 900 |
| | 18-20 | 100.0 | 97.8 | 82.2 | 53.8 | 26.8 | 13.4 | 5.7 | 3.4 | .4 | 44.1 | 900 |
| | 21-23 | 100.0 | 99.4 | 97.3 | 87.5 | 65.4 | 35.5 | 18.0 | 9.0 | .9 | 57.0 | 899 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 99.9 | 98.9 | 92.6 | 78.2 | 60.4 | 41.9 | 24.5 | 11.1 | 1.4 | 56.5 | 7196 |

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

722665
STATION

DYESS AFB TX

STATION NAME

73-82

PERIOD

JUL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS. |
|--------|----------------|--|-------|-------|------|------|------|------|------|-----|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUL | 00-02 | 100.0 | 100.0 | 99.7 | 92.3 | 71.2 | 42.6 | 25.6 | 13.8 | 1.1 | 60.2 | 930 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 97.6 | 87.1 | 65.9 | 42.6 | 22.0 | 1.9 | 67.3 | 930 |
| | 06-08 | 100.0 | 100.0 | 99.9 | 98.6 | 91.5 | 71.2 | 45.6 | 20.9 | 1.5 | 68.4 | 930 |
| | 09-11 | 100.0 | 100.0 | 97.3 | 82.3 | 54.1 | 24.3 | 9.1 | 2.9 | .1 | 52.5 | 930 |
| | 12-14 | 100.0 | 97.7 | 79.1 | 44.4 | 17.3 | 8.4 | 3.9 | 1.9 | .1 | 40.8 | 930 |
| | 15-17 | 100.0 | 94.7 | 62.9 | 28.5 | 15.2 | 10.2 | 6.5 | 3.3 | | 37.5 | 930 |
| | 18-20 | 100.0 | 97.2 | 73.5 | 40.2 | 22.2 | 14.1 | 9.8 | 4.3 | .3 | 41.7 | 930 |
| | 21-23 | 100.0 | 100.0 | 95.8 | 77.4 | 49.1 | 28.2 | 18.8 | 8.9 | .3 | 53.3 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 98.7 | 88.5 | 70.2 | 51.0 | 33.1 | 20.2 | 9.8 | .7 | 52.7 | 7440 |

USAFETAC

FORM
NO 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

722665

DYESS AFB TX

73-82

AUG

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS. |
|--------|-------------------|--|-------|-------|------|------|------|------|------|-----|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| AUG | 00-02 | 100.0 | 100.0 | 99.9 | 94.3 | 74.6 | 46.1 | 25.2 | 13.3 | 2.3 | 61.1 | 930 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 98.7 | 90.0 | 71.3 | 40.8 | 16.5 | 3.9 | 67.7 | 930 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.7 | 93.8 | 77.1 | 46.4 | 18.8 | 3.4 | 69.5 | 929 |
| | 09-11 | 100.0 | 100.0 | 98.3 | 85.9 | 55.4 | 25.1 | 12.5 | 5.8 | .6 | 54.0 | 930 |
| | 12-14 | 100.0 | 98.9 | 83.4 | 45.3 | 19.0 | 9.2 | 5.2 | 1.7 | .5 | 41.9 | 930 |
| | 15-17 | 100.0 | 97.2 | 65.1 | 27.0 | 13.7 | 7.4 | 4.8 | 2.5 | .8 | 37.5 | 929 |
| | 18-20 | 100.0 | 98.8 | 80.6 | 45.9 | 22.6 | 13.7 | 8.1 | 3.5 | .8 | 43.0 | 930 |
| | 21-23 | 100.0 | 100.0 | 98.4 | 81.7 | 53.8 | 26.5 | 15.3 | 7.6 | 1.4 | 54.2 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.4 | 90.7 | 72.3 | 52.9 | 34.6 | 19.8 | 8.7 | 1.7 | 53.6 | 7438 |

USAFETAC

FORM 205 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

722665
STATION

DYESS AFB TX

STATION NAME

73-82

PERIOD

SEP
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS. |
|--------|----------------|--|-------|------|------|------|------|------|------|-----|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| SEP | 00-02 | 100.0 | 100.0 | 99.2 | 95.4 | 83.2 | 65.2 | 42.3 | 25.6 | 6.7 | 67.5 | 900 |
| | 03-05 | 100.0 | 100.0 | 99.7 | 98.3 | 89.7 | 78.7 | 58.0 | 34.6 | 8.1 | 72.4 | 900 |
| | 06-08 | 100.0 | 100.0 | 99.6 | 98.9 | 93.0 | 82.0 | 63.6 | 36.4 | 8.0 | 73.7 | 900 |
| | 09-11 | 100.0 | 99.3 | 96.2 | 87.8 | 65.9 | 42.8 | 25.1 | 12.7 | 2.9 | 59.0 | 900 |
| | 12-14 | 99.9 | 96.8 | 85.2 | 58.1 | 32.6 | 19.3 | 12.8 | 7.7 | 1.9 | 47.0 | 900 |
| | 15-17 | 99.9 | 94.4 | 73.1 | 41.9 | 25.2 | 16.9 | 11.2 | 6.3 | 2.2 | 42.8 | 900 |
| | 18-20 | 100.0 | 97.2 | 85.9 | 64.9 | 41.8 | 27.7 | 17.9 | 10.2 | 2.7 | 50.6 | 900 |
| | 21-23 | 100.0 | 100.0 | 97.0 | 87.7 | 70.7 | 48.0 | 31.4 | 17.7 | 4.8 | 61.4 | 900 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 98.5 | 92.0 | 79.1 | 62.8 | 47.6 | 32.8 | 18.9 | 4.7 | 59.3 | 7200 |

USAFETAC

FORM
01 64

0-87-5 (OL A)

RELATIVE HUMIDITY

STATION NAME

PERIOD

OCT
MONTH

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|--------|-------------------|--|-------|------|------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| OCT | 00-02 | 100.0 | 100.0 | 97.7 | 92.0 | 80.6 | 64.0 | 44.4 | 25.7 | 8.3 | 67.3 | 930 |
| | 03-05 | 100.0 | 100.0 | 98.6 | 94.6 | 86.2 | 74.6 | 54.0 | 32.9 | 11.5 | 71.0 | 930 |
| | 06-08 | 100.0 | 100.0 | 99.5 | 95.8 | 90.5 | 78.4 | 62.2 | 37.7 | 12.2 | 73.5 | 930 |
| | 09-11 | 100.0 | 98.8 | 92.9 | 81.7 | 65.1 | 45.3 | 25.8 | 12.7 | 3.7 | 58.4 | 930 |
| | 12-14 | 100.0 | 94.4 | 79.2 | 57.0 | 31.9 | 19.6 | 12.5 | 8.0 | 2.2 | 46.2 | 930 |
| | 15-17 | 100.0 | 91.9 | 69.5 | 43.9 | 24.1 | 16.5 | 11.3 | 6.8 | 3.2 | 42.5 | 930 |
| | 18-20 | 100.0 | 96.8 | 88.5 | 73.9 | 54.1 | 34.6 | 21.2 | 11.5 | 4.1 | 54.3 | 930 |
| | 21-23 | 100.0 | 99.9 | 95.2 | 88.5 | 74.9 | 55.6 | 36.2 | 18.9 | 5.7 | 63.2 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 97.7 | 90.1 | 78.4 | 63.4 | 48.6 | 33.5 | 19.3 | 6.4 | 59.6 | 7440 |

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

722665
STATION

DYESS AFB TX

STATION NAME

73-82

PERIOD

NOV
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS. |
|--------|----------------|--|-------|------|------|------|------|------|------|-----|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| NOV | 00-02 | 100.0 | 99.8 | 98.1 | 93.6 | 84.7 | 69.0 | 47.0 | 22.1 | 5.1 | 67.5 | 900 |
| | 03-05 | 100.0 | 100.0 | 98.7 | 95.4 | 88.3 | 74.6 | 54.0 | 30.2 | 5.9 | 70.3 | 900 |
| | 06-08 | 100.0 | 99.8 | 99.1 | 95.6 | 89.3 | 77.0 | 59.0 | 32.4 | 8.4 | 71.6 | 900 |
| | 09-11 | 100.0 | 99.2 | 93.4 | 80.7 | 66.9 | 51.7 | 30.3 | 14.7 | 3.4 | 59.7 | 900 |
| | 12-14 | 100.0 | 95.9 | 78.2 | 58.1 | 39.1 | 23.8 | 14.4 | 8.8 | 1.3 | 47.5 | 900 |
| | 15-17 | 100.0 | 93.3 | 73.0 | 48.2 | 31.7 | 20.1 | 13.0 | 7.0 | 1.3 | 44.3 | 900 |
| | 18-20 | 100.0 | 99.3 | 92.6 | 78.7 | 58.4 | 41.2 | 23.1 | 9.7 | 1.9 | 56.2 | 900 |
| | 21-23 | 100.0 | 99.8 | 97.2 | 91.3 | 78.8 | 57.2 | 36.9 | 16.1 | 3.0 | 63.6 | 900 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 98.4 | 91.3 | 80.2 | 67.1 | 51.8 | 34.7 | 17.6 | 3.8 | 60.1 | 7200 |

USAFETAC

FORM 84

0-87-5 (OL A)

RELATIVE HUMIDITY

DEC

MONTH

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|--------|-------------------|--|------|------|------|------|------|------|------|-----|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| DEC | 00-02 | 100.0 | 99.1 | 95.6 | 87.1 | 70.5 | 53.5 | 34.4 | 18.9 | 3.8 | 61.9 | 930 |
| | 03-05 | 100.0 | 99.8 | 96.2 | 89.6 | 76.0 | 61.1 | 40.5 | 22.2 | 4.8 | 64.4 | 930 |
| | 06-08 | 100.0 | 99.9 | 96.5 | 91.8 | 81.0 | 65.9 | 43.2 | 24.7 | 5.8 | 66.4 | 930 |
| | 09-11 | 100.0 | 98.4 | 90.1 | 76.5 | 58.8 | 42.7 | 26.5 | 13.3 | 2.7 | 56.5 | 928 |
| | 12-14 | 100.0 | 91.7 | 70.0 | 48.6 | 32.8 | 21.2 | 12.6 | 7.1 | 1.5 | 44.2 | 930 |
| | 15-17 | 99.8 | 85.6 | 61.7 | 41.6 | 25.5 | 16.3 | 10.6 | 6.9 | 1.6 | 40.6 | 930 |
| | 18-20 | 100.0 | 96.3 | 84.0 | 66.2 | 47.4 | 29.1 | 18.2 | 9.8 | 2.4 | 51.1 | 930 |
| | 21-23 | 100.0 | 98.6 | 92.9 | 80.5 | 64.6 | 46.6 | 28.8 | 14.0 | 2.9 | 58.5 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 96.2 | 85.9 | 72.7 | 57.1 | 42.1 | 26.9 | 14.6 | 3.2 | 55.5 | 7438 |

FORM
88-44

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7226 65
STATION

DYESS AFB TX

STATION NAME

73-83

PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS. |
|--------|-------------------|--|------|------|------|------|------|------|------|-----|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | ALL | 100.0 | 98.2 | 91.0 | 78.6 | 63.3 | 47.4 | 30.8 | 17.0 | 3.4 | 58.6 | 7440 |
| FEB | | 99.8 | 92.7 | 84.1 | 73.3 | 60.8 | 45.8 | 32.4 | 18.4 | 5.8 | 56.9 | 6769 |
| MAR | | 99.8 | 91.3 | 77.6 | 63.6 | 49.1 | 34.4 | 20.7 | 8.1 | 1.3 | 50.3 | 7440 |
| APR | | 99.8 | 92.6 | 80.6 | 67.9 | 53.6 | 39.8 | 26.2 | 13.8 | 4.3 | 53.4 | 7199 |
| MAY | | 100.0 | 98.0 | 92.7 | 83.5 | 70.6 | 54.2 | 36.7 | 19.2 | 3.7 | 61.5 | 7434 |
| JUN | | 99.9 | 98.9 | 92.6 | 78.2 | 60.4 | 41.9 | 24.5 | 11.1 | 1.4 | 56.5 | 7196 |
| JUL | | 100.0 | 98.7 | 88.5 | 70.2 | 51.0 | 33.1 | 20.2 | 9.8 | .7 | 52.7 | 7440 |
| AUG | | 100.0 | 99.4 | 90.7 | 72.3 | 52.9 | 34.6 | 19.8 | 8.7 | 1.7 | 53.6 | 7438 |
| SEP | | 100.0 | 98.5 | 92.0 | 79.1 | 62.8 | 47.6 | 32.8 | 18.9 | 4.7 | 59.3 | 7200 |
| OCT | | 100.0 | 97.7 | 90.1 | 78.4 | 63.4 | 48.6 | 33.5 | 19.3 | 6.4 | 59.6 | 7440 |
| NOV | | 100.0 | 98.4 | 91.3 | 80.2 | 67.1 | 51.8 | 34.7 | 17.6 | 3.8 | 60.1 | 7200 |
| DEC | | 100.0 | 96.2 | 85.9 | 72.7 | 57.1 | 42.1 | 26.9 | 14.6 | 3.2 | 55.5 | 7438 |
| TOTALS | | 99.9 | 96.7 | 88.1 | 74.8 | 59.3 | 43.4 | 28.3 | 14.7 | 3.4 | 56.5 | 87634 |

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.

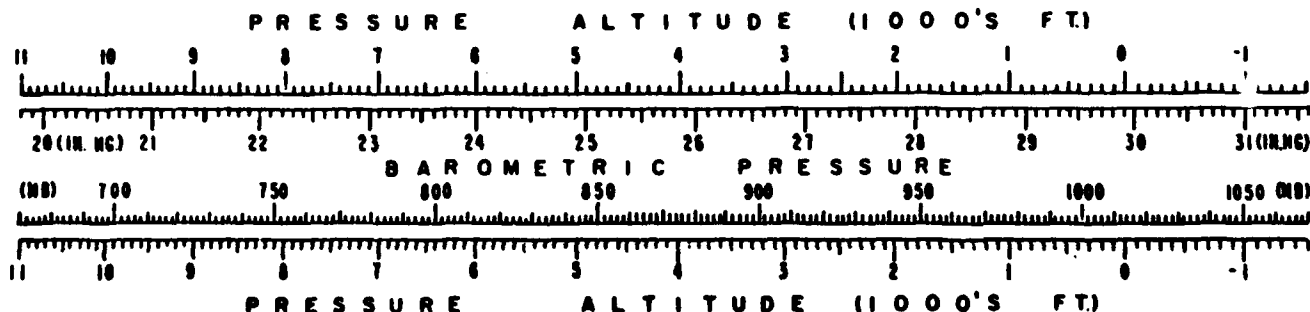
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

722665 DYESS AFB TX

73-83

| STATION | | YEARS | | | | | | | | | | | | |
|-----------|-----------|--|--------|------|------|------|------|------|------|------|------|------|------|--------|
| | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
| 00 | MEAN | 28.19828.16628.05428.05928.00928.06228.11128.11928.12228.15928.18428.187 | 28.119 | | | | | | | | | | | |
| | S D | .198 | .191 | .186 | .170 | .134 | .121 | .069 | .073 | .123 | .158 | .182 | .204 | .168 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 03 | MEAN | 28.18828.15328.04528.04727.99628.04928.10728.11428.11528.15428.17428.176 | 28.110 | | | | | | | | | | | |
| | S D | .201 | .194 | .188 | .169 | .133 | .120 | .068 | .073 | .120 | .159 | .184 | .208 | .169 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 06 | MEAN | 28.19228.15828.05728.06428.01728.07328.12828.13228.13128.16928.18128.176 | 28.123 | | | | | | | | | | | |
| | S D | .199 | .196 | .191 | .169 | .133 | .120 | .067 | .073 | .120 | .160 | .185 | .210 | .168 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 09 | MEAN | 28.23028.19728.09628.10028.05028.10128.15628.16028.16228.20528.21928.213 | 28.157 | | | | | | | | | | | |
| | S D | .199 | .197 | .195 | .172 | .131 | .121 | .067 | .074 | .122 | .161 | .188 | .210 | .169 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 12 | MEAN | 28.23128.19628.08528.08628.03528.08928.14328.14828.15128.19128.20528.209 | 28.147 | | | | | | | | | | | |
| | S D | .199 | .196 | .195 | .173 | .131 | .119 | .068 | .075 | .122 | .159 | .189 | .209 | .170 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 309 | 3651 |
| 15 | MEAN | 28.15928.12328.01428.02527.98328.04028.09128.09028.09228.12928.14228.142 | 28.086 | | | | | | | | | | | |
| | S D | .199 | .198 | .197 | .175 | .131 | .117 | .070 | .076 | .125 | .159 | .189 | .207 | .169 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 18 | MEAN | 28.16428.11727.99928.00227.95128.00528.05528.06028.07728.12428.14628.150 | 28.071 | | | | | | | | | | | |
| | S D | .197 | .193 | .194 | .174 | .128 | .117 | .072 | .077 | .126 | .159 | .186 | .202 | .172 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 309 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3651 |
| 21 | MEAN | 28.18928.15228.03628.04527.98728.03628.08328.09628.11528.15728.17928.180 | 28.104 | | | | | | | | | | | |
| | S D | .198 | .191 | .190 | .167 | .129 | .116 | .070 | .075 | .124 | .159 | .183 | .200 | .169 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 309 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3651 |
| ALL HOURS | MEAN | 28.19428.15828.04828.05328.00328.05728.10928.11528.12128.16128.17928.179 | 28.115 | | | | | | | | | | | |
| | S D | .200 | .196 | .194 | .173 | .134 | .122 | .075 | .080 | .126 | .161 | .187 | .207 | .171 |
| | TOTAL OBS | 2980 | 2256 | 2980 | 2900 | 2478 | 2400 | 2480 | 2980 | 2400 | 2400 | 2480 | 2400 | 2479 |

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HRS FROM HOURLY OBSERVATIONS

722665 DYESS AFB TX

73-83

| STATION | STATION NAME | YEARS |
|-----------|--------------|---|
| MRS 157 | | |
| | MEAN | 1019.81018.31013.51013.11010.91012.21013.81014.21014.71016.71018.41019.0 |
| | S D | 7.793 7.577 7.254 6.554 5.144 4.539 2.610 2.771 4.807 6.177 7.180 7.964 6.738 |
| | TOTAL OBS | 310 282 310 300 310 300 310 310 300 310 300 310 3652 |
| 13 | MEAN | 1019.41017.71013.11012.61010.41011.81013.61014.01014.41016.41018.01018.5 |
| | S D | 7.870 7.683 7.344 6.546 5.091 4.564 2.606 2.745 4.698 6.206 7.272 8.115 6.771 |
| | TOTAL OBS | 310 282 310 300 310 300 310 310 300 310 299 310 3651 |
| 16 | MEAN | 1019.71018.01013.71013.31011.21012.71014.51014.71015.11017.21018.41018.8 |
| | S D | 7.827 7.751 7.440 6.523 5.096 4.544 2.548 2.765 4.706 6.209 7.322 8.138 6.707 |
| | TOTAL OBS | 310 282 310 300 310 300 310 310 300 310 300 310 3652 |
| 09 | MEAN | 1021.31019.61015.21014.71012.41013.81015.51015.71016.31018.61019.91020.3 |
| | S D | 7.729 7.721 7.556 6.611 5.042 4.528 2.528 2.785 4.739 6.193 7.362 8.185 6.773 |
| | TOTAL OBS | 310 282 310 300 310 300 310 310 300 310 300 310 3652 |
| 12 | MEAN | 1021.11019.41014.71014.11011.81013.31015.01015.21015.71017.91019.21019.8 |
| | S D | 7.796 7.737 7.605 6.667 5.019 4.468 2.572 2.826 4.771 6.132 7.397 8.212 6.817 |
| | TOTAL OBS | 310 282 310 300 310 300 310 310 300 310 300 310 3652 |
| 15 | MEAN | 1018.31016.51011.91011.81009.81011.41013.11013.11013.61015.61016.81017.3 |
| | S D | 7.797 7.818 7.650 6.764 5.054 4.440 2.672 2.859 4.884 6.189 7.403 8.134 6.759 |
| | TOTAL OBS | 310 282 310 300 310 300 310 310 300 310 300 310 3652 |
| 18 | MEAN | 1018.71016.51011.51011.11008.81010.21011.81012.11013.11015.51017.21017.9 |
| | S D | 7.768 7.608 7.589 6.671 4.930 4.483 2.729 2.873 4.924 6.142 7.306 7.871 6.918 |
| | TOTAL OBS | 310 282 310 300 309 300 310 310 300 310 300 310 3651 |
| 21 | MEAN | 1019.71017.91013.01012.71010.11011.31012.91013.41014.61016.81018.41019.1 |
| | S D | 7.760 7.467 7.406 6.450 4.928 4.357 2.646 2.827 4.849 6.208 7.192 7.798 6.830 |
| | TOTAL OBS | 310 282 310 300 309 300 310 310 300 310 300 310 3651 |
| ALL HOURS | MEAN | 1019.71018.01013.31012.91010.71012.11013.81014.01014.71016.81018.31018.8 |
| | S D | 7.841 7.733 7.564 6.678 5.145 4.612 2.842 3.014 4.888 6.250 7.355 8.093 6.864 |
| | TOTAL OBS | 2480 2256 2480 2400 2478 2400 2480 2480 2400 2480 2399 2480 29213 |

USAFETAC FORM 0 89 5 (OLA)

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